



Parts Manual FW25 Series Walk Behind Mower



Models:	Description:
5901425	FW25 Series w/ 36" Mower Deck (FW25KAV1536)
5901426	FW25 Series w/ 36" Mower Deck (FW25CCKAV1936)
5901427	FW25 Series w/ 48" Mower Deck (FW25KAV1548)
5901428	FW25 Series w/ 48" Mower Deck (FW25CCKAV1548)
5901429	FW25 Series w/ 48" Mower Deck (FW25KAV1948)
5901430	FW25 Series w/ 48" Mower Deck (FW25CCKAV1948)
5901441	FW25 Series w/ 36" Rear Discharge Mower Deck (FW25KAV1936RDCE)

Briggs and Stratton Power Products Group, LLC.

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

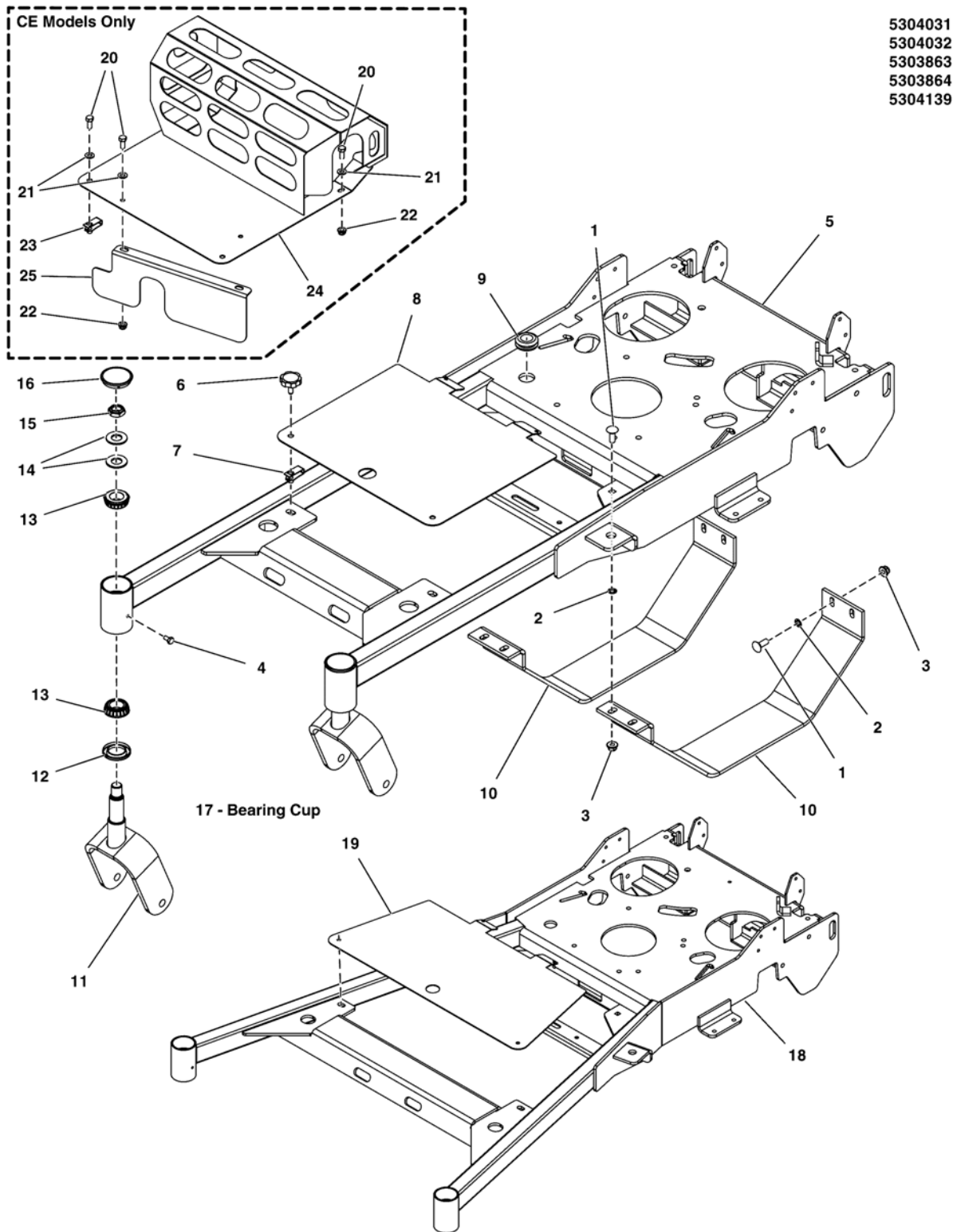
5104557
Revision -
Rev. Date: 1/27/15
TP 400-5104557---WD-F

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Main Frame & Front Caster Group

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



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

5901428 (FW25CCKAV1548)	5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)	
5901430 (FW25CCKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Main Frame & Front Caster Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	80004497	8	BOLT,3/8-16X1.000,RND HD CRRG,ZINC/CLEAR
2	5025472	8	3/8 PUSHNUT BOLT RETAINER
3	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
4	5025457	2	BOLT, 1/4-28 X 1/2, GD5 CZ
5	5412769B	1	WELD, MAIN FRAME, FW25 - 36 - RED (36" Models)
6	5101731	2	KNOB, 5/16-18 X 1.00, ROSETTE, BLK
7	5025452	2	BODY CLIP, 5/16-18 -1/4 MATERIAL
8	5413166B	1	GUARD, WALK, FRONT FRAME, 36 - RED (36" Models)
9	5103944	1	GROMMET, 7/8"ID, 1/4" THICK STK
10	5413033A	2	PLATE, TRANS GUARD SW25 - BLK
11	5407308B	2	WELD, CASTER YOKE, SNP DD - RED
12	5021072	2	SEAL, GREASE
13	5020884	4	BEARING, TAPERED ROLLER, 1
14	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
15	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
16	5102929	2	CAP, LOW PROFILE, STEEL
17	5020884	4	BEARING, CUP (SV)
18	5412585B	1	WELD, MAIN FRAME, FW25 - 48 - RED (48" Models)
19	5413179B	1	PLATE, FRONT FRAME GUARD FW25 48 - RED (48" Models)
20	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5 YZ (CE Models Only)
21	5025155	1	WASHER, 5/16 SAE (CE Models Only)
22	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE (CE Models Only)
23	5022308	1	BODY CLIP, 5/16-18-7GA MATERIAL (CE Models Only)
24	5413729B	1	WELD, MUFFLER GUARD, FW2536CE - RED (CE Models Only)
25	5413742B	1	PLATE, FRONT DECK GUARD,FW2536RDCE-RED (CE Models Only)

Footnotes

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

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

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

5304035
5304033

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30

Key Switch Service Parts

CE Models

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Handle Bar & Instrument Control Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5047779	1	CABLE, CHOKE CONTROL, 51"
2	5047629	1	CABLE THROTTLE, 48"
3	5025309	1	NUT, HEX 3/8-24
4	5102463	2	SPACER, .33 X .50 X .25, PM, CZ
5	5025155	2	WASHER, 5/16 SAE
6	5025011X8	2	BOLT, 5/16-18 X 1 GD5 CZ
7	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5025293	6	WASHER, 3/8 GD.9 FLAT
9	5025013X8	6	BOLT, 3/8-16 X 1 GD5 CZ
10	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
11	5021841	2	GRIP, FOAM, .940 X 5 X .187
12	5025154	2	WASHER, 1/4 SAE
13	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 CZ
14	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
15	5412590B	1	WELD, HANDLE BARS, FW25 - RED
16	5600846	1	ASSM, HB GUARD W/DECALS, FW25 - DOM (5413336B)
17	5022308	2	BODY CLIP, 5/16-18-7GA MATERIAL
18	5101731	2	KNOB, 5/16-18 X 1.00, ROSETTE, BLK
19	--	1	* HOUR METER, ASSEMBLE (5409263)
20	5103773	1	PTO SWITCH W/ MOMENTARY UP FUNCTION
21	5021842	1	SWITCH, IGNITION, 2 POST (Manual Start)
22	5050853X3	2	BLACK BODY MOLDING, 3" LONG
23	5020927	1	SWITCH, IGNITION, 6 POST (Electric Start)
24	5412707B	1	WELD, HANDLE BARS, FW25 CC - RED
25	5025155	2	WASHER, 5/16 SAE
26	5025011X8	2	BOLT, 5/16-18 X 1 GD5 CZ
27	5600847	1	ASSM, HB GUARD W/DECALS, FW25 - CE (5413336B)
28	5022789	1	KEY, IGNITION, SET (SV)
29	5022790	1	COVER (SV)
30	5022791	1	PLASTIC NUT (SV)

Footnotes

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

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

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Fuel Tank & Mount, Fuel Supply, and EVAP Group (No Canister)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5403445A	2	STRAP, FUEL TANK - SNP PRO DDS - BLK
2	5025154	2	WASHER, 1/4 SAE
3	5025010X10	2	BOLT, 1/4-20 X 1-1/4 GD5 CZ
4	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
5	5103005	1	FUEL CAP, 3-1/2", MANAGED VENT OUT, 12"
6	5025156	4	WASHER, 3/8 SAE
7	5025013X8	4	BOLT, 3/8-16 X 1 GD5 CZ
8	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
9	5100810	2	PAD, RUBBER MOUNT
10	5102833	1	TANK, 4.625 GAL, W DROP TUBE/VENT
11	5412698A	1	PLATE, TANK MOUNT, SW25 MANUAL - BLK (Manual Start Models)
12	5412635A	1	WELD, FUEL TANK MOUNT, SW25/FW25 - BLK (Electric Start Models)(USA Models)
12	5413733A	1	WELD, FUEL TANK MOUNT, FW25CE (Electric Start Models)(CE Models)
13	5020835	2	CLAMP, HOSE, EXTERNAL, 1/2 - RED
14	5050831X12	1	HOSE, 1/4" FUEL, 12.00"
15	7700552X21P5	1	HOSE, VAPOR, 5MM ID, 21.50 LG
16	7700552X12	1	HOSE, VAPOR, 5MM ID, 12.00 LG
17	5103062	1	FITTING, 3/16" TEE, BARB TYPE, HDPE
18	7700552X3	1	HOSE, VAPOR, 5MM ID, 3.00 LG
19	794079	1	FILTER, FUEL
20	5021030	2	TIE,SELF-LOCKING, 6"
21	5021178X3	1	FUEL FILTER (SV)

Footnotes

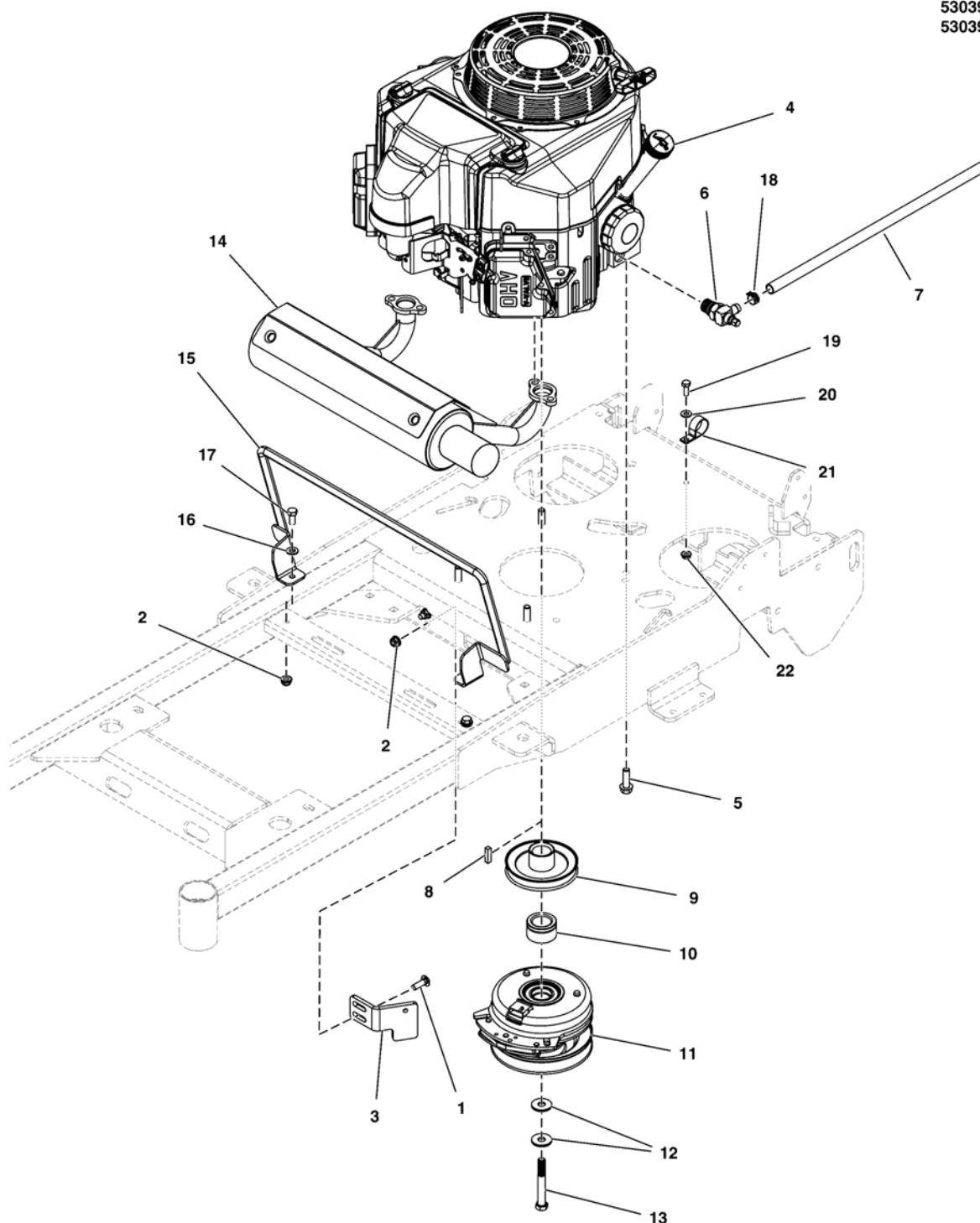
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5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Engine & PTO Group

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

5303925
5303955



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5901426 (FW25CCKAV1936)	
5901430 (FW25CCKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Engine & PTO Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025145X8	2	BOLT, 5/16-18 X 1, CARRIAGE
2	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
3	5413242A	1	PLATE, CLUTCH ANCHOR, SW25/FW25 - BLK
4	--	1	ENGINE 15HP KAW MAN START 1-1/8"X108.8MM
4	--	1	ENGINE, 18.5HP KAWASAKI, FS600V, ELEC ST
5	5025532	4	BOLT, 3/8-16 X 1-1/4, SF, PLT W/PATCH
6	5104567	1	VALVE, OIL DRAIN, 90 DEG. M20 X 2.5 THD
7	5104570X18	1	TUBING,CLEAR PVC,1/2"IDX5/8"OD X 18"LG
8	5050407X8	1	KEY, 1/4 SQ X 1
9	5104236	1	PULLEY, CRANKSHAFT, 1.125ID X 4.50OD, OS
10	5103892	1	SPACER, 1.13 X 1.75 X .75, CZ
11	5104440	1	CLUTCH, WARNER, 105 ft lbs - 1.13"
12	5025585	2	BELLEVILLE WASHER 1.1875 X .442 X .089
13	5102866	1	BOLT, CRANKSHAFT, 7/16-20 X 3, GD 8
14	5104539	1	MUFFLER, 15-19HP KAWI, WALKS
15	5413678A	1	WELD, GUARD, MUFFLER, W25 - BLK (USA Models Only)
16	5025155	2	WASHER, 5/16 SAE
17	5025011X6	2	BOLT, 5/16-18 X 3/4 GD5 CZ
18	5023268	1	CLAMP, HOSE
19	5025010X6	1	BOLT, 1/4-20 X 3/4 GD5 CZ
20	5025154	1	WASHER, 1/4 SAE
21	5021500	1	CLAMP, VINYL INSULATED
22	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE

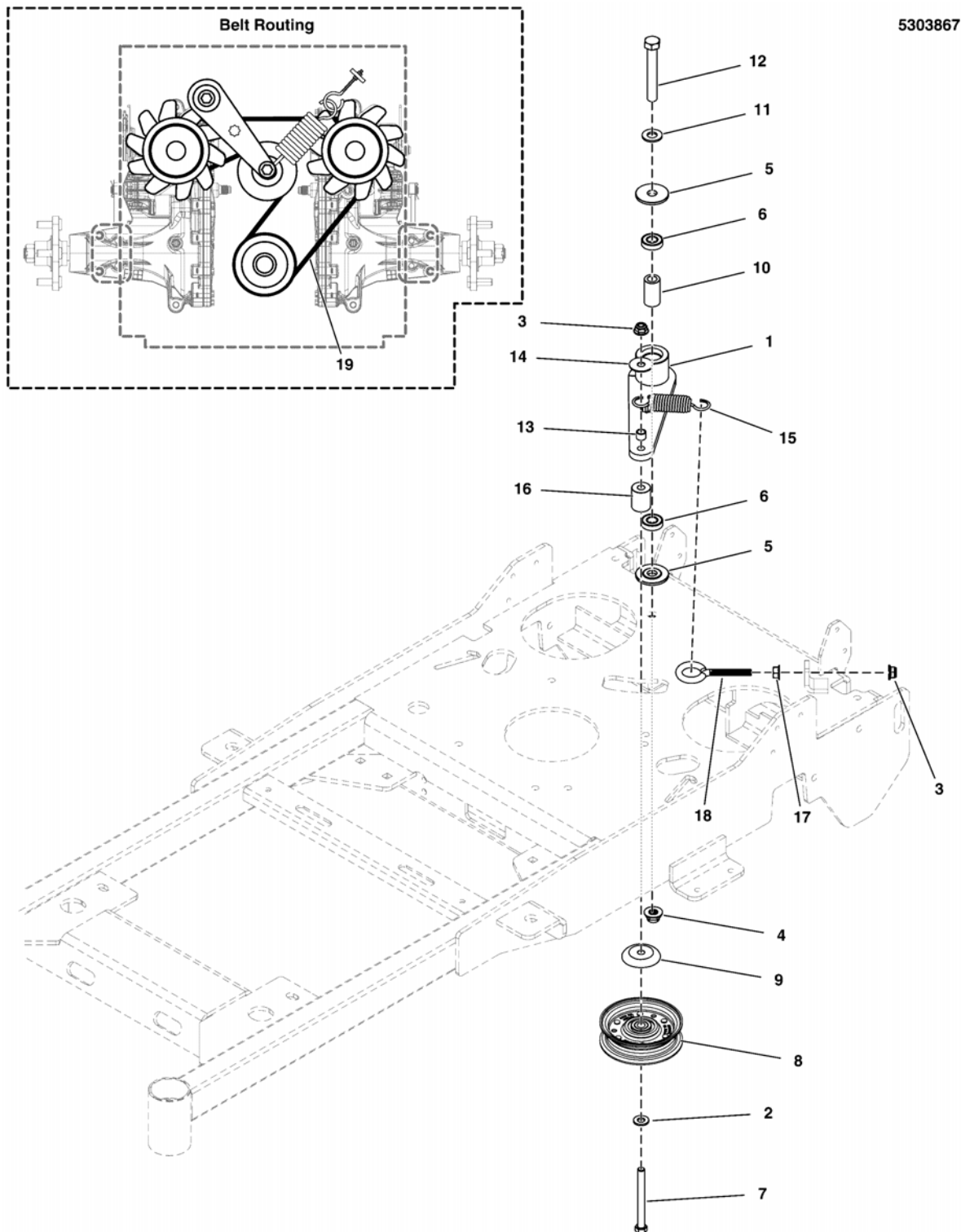
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5901429 (FW25KAV1948)

Transaxle Drive Group

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use the standard hardware torque
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5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Transaxle Drive Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5413130A	1	WELD, IDLER ARM, 6.63" LG - BLK
2	5025293	1	WASHER, 3/8 GD.9 FLAT
3	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
4	5025396	1	NUT, 1/2-13 HEX NYLOCK FLANGE
5	5103262	2	SPACER, IDLER ARM, 1/2, PM
6	7078243	2	BEARING, BALL, AXLE
7	5025013X30	1	BOLT, 3/8-16 X 3-3/4 GD5 CZ
8	5104514	1	PULLEY, FLAT IDLER, FLG, 4"ODX3/8"ID, CZ
9	5103787	1	SHIELD, BEARING PULLEY, 3/8ID, CZ
10	5103812	1	SPACER, .52 X .84 X 1.53, PM
11	5025158	1	WASHER, 1/2 SAE
12	5025017X28	1	BOLT, 1/2-13 X 3-1/2 GD5 CZ
13	1611705	1	SPACER-0.385ID 0.623OD 0.290LG P'MTL
14	5025165	1	WASHER-3/8 FENDER
15	5104545	1	SPRING, EXTENSION,
16	5103427	1	SPACER, .39 X 1.00 X 1.25, PM, CZ
17	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
18	5025429	1	EYE BOLT, 3/8-16 X 4, 2.13THRD, 1 EYE,CZ
19	5104354	1	BELT, A-SEC, COG TYPE, 57" EL, ARAMID

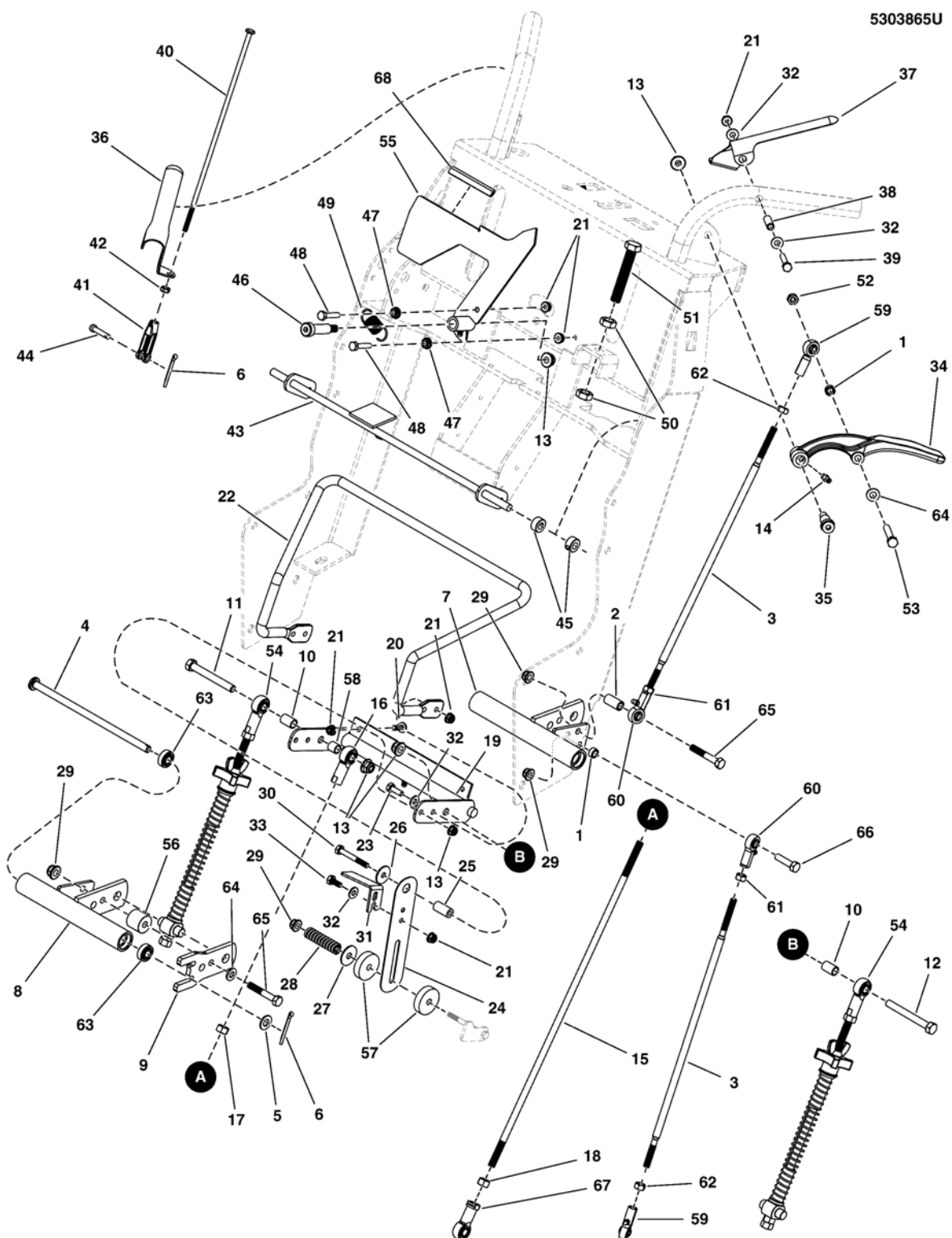
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5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Motion Control Group - Upper (Standard Controls)

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



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

5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)
5901441 (FW25KAV1936RDCE)

Motion Control Group - Upper (Standard Controls)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5102463	4	SPACER, .33 X .50 X .25, PM, CZ
2	5102812	2	SPACER, .33 X .51 X 1.00, CZ
3	5104159	4	ROD, 5/16-24 X 15.48, LH-RH, CZ
4	5104328	2	ROD, 3/8 X 8.49, HEADED
5	5025156	2	WASHER, 3/8 SAE
6	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4
7	5412616A	1	WELD, CENTER PIVOT HUB, LH - WALK - BLK
8	5412617A	1	WELD, CENTER PIVOT HUB, RH - WALK - BLK
9	5411633A	2	TAB, CONTROL PIVOT - BLK
10	5047199	3	SPACER, .38 X .50 X .75
11	5025013X24	1	BOLT, 3/8-16 X 3 GD5 CZ
12	5025013X16	1	BOLT, 3/8-16 X 2 GD5 CZ
13	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
14	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
15	5104164	1	ROD, 3/8-24, 19.00, LH-RH CZ
16	5021683	1	BALL JOINT, 3/8-24 FEMALE
17	5025035	1	NUT, 3/8-24 HEX
18	5025317	1	NUT, 3/8-24 HEX, LH
19	5412891A	1	WELD, SPEED CONTROL, SW35 - BLK
20	1960715	2	SCREW-TRUSS HD TORX DR 1/4-20X0.750 T27
21	5025391	12	NUT, 1/4-20 HEX NYLOCK FLANGE
22	5104216A	1	BAR, SPEED CONTROL - BLK
23	5025010X6	3	BOLT, 1/4-20 X 3/4 GD5 CZ
24	5409272	1	PLATE, FRICTION CONTROL, SS
25	5101274	1	SPACER, .26 X .50 X 1.00
26	5025288	1	WASHER, 1/4 FENDER
27	5025164	1	WASHER, 5/16 FENDER
28	5104221	1	SPRING, COMP, .40 X .60 X 2.25, BLACK
29	5025392	7	NUT, 5/16-18 HEX NYLOCK FLANGE
30	5025010X16	1	BOLT, 1/4-20 X 2 GD5 CZ
31	5412363A	1	BRACKET, SWITCH ENGAGEMENT - BLK
32	5025154	9	WASHER, 1/4 SAE
33	5025010X5	2	BOLT-1/4-20 X 5/8 GD5 CZ
34	5102556A	2	HANDLE, REVERSING - BLK
35	5025223	2	BOLT, 3/8-16 X 1, 1/2 SHOULDER
36	5104201A	1	FLAP, OPS - BLK
37	5104202A	1	FLAP, OPS - BLK
38	5101215	2	SPACER, .26 X .38 X 1.25, CZ
39	5025010X14	2	BOLT, 1/4-20 X 1-3/4 GD5 CZ
40	5101242	2	ROD, OPC LINK, SNP PRO WB
41	5021104	2	CLEVIS, 1/4-28, PLASTIC

Footnotes

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

5901425 (FW25KAV1536)

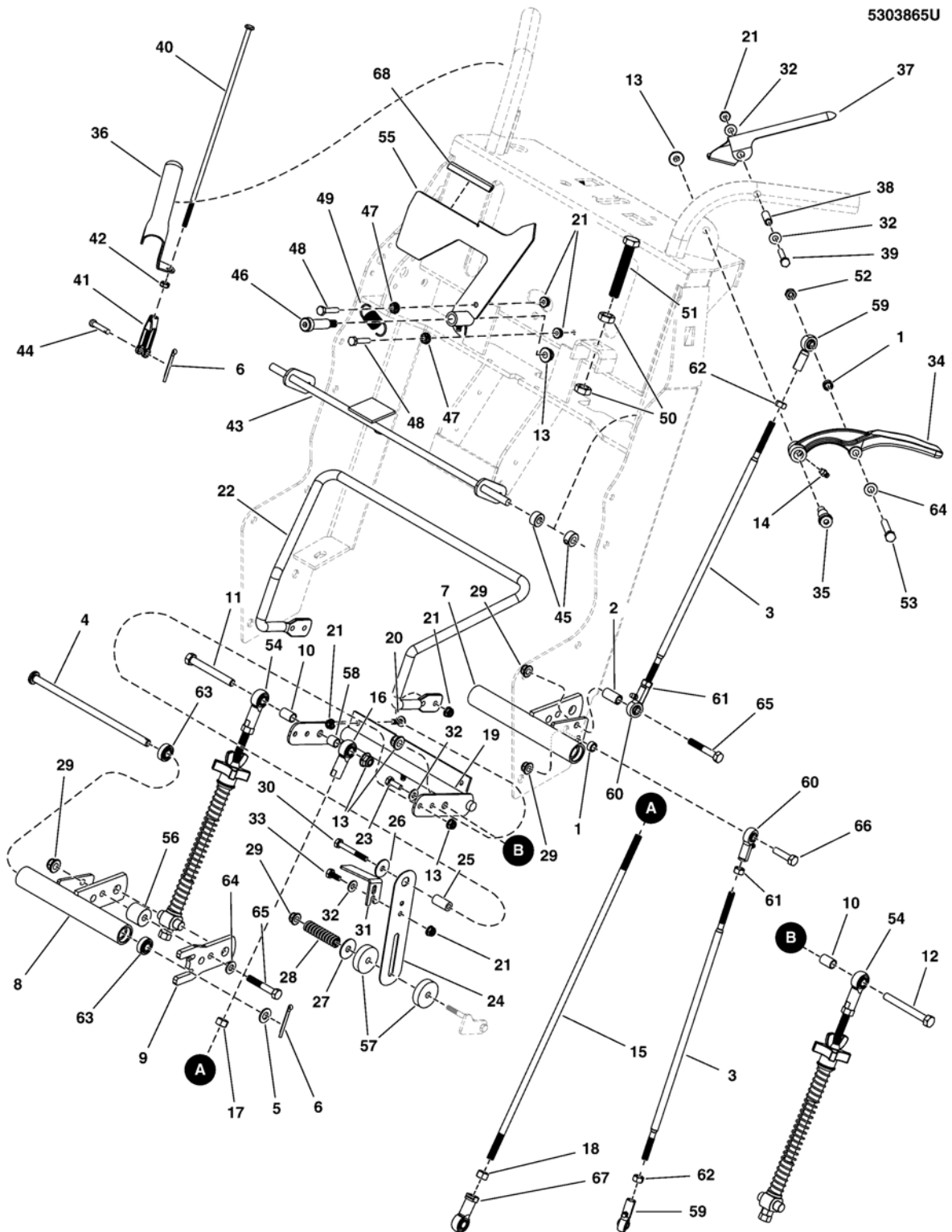
5901427 (FW25KAV1548)

5901429 (FW25KAV1948)

5901441 (FW25KAV1936RDCE)

Motion Control Group - Upper (Standard Controls)

NOTE: Unless noted otherwise,
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specification chart.



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- 5901425 (FW25KAV1536)
- 5901427 (FW25KAV1548)
- 5901429 (FW25KAV1948)
- 5901441 (FW25KAV1936RDCE)

Motion Control Group - Upper (Standard Controls)

REF NO	PART NO.	QTY.	DESCRIPTION
42	7090095	2	HN, 1/4F GR5 YZ
43	5412020A	1	WELD, OPC ROD, WALK - BLK
44	5025212X7	2	PIN, CLEVIS, 1/4 X 7/8, PLATED
45	5010546	2	COLLAR, 3/8 SET
46	5025220	1	BOLT-3/8-16 x 1-1/2, 1/2 SHOULDER
47	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
48	5025010X10	2	BOLT, 1/4-20 X 1-1/4 GD5 CZ
49	5010213	1	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
50	5025089	2	NUT, 1/2-20 HEX JAM
51	5025426	1	BOLT, 1/2-20 X 2-1/2, FLT
52	5025057	2	NUT, 5/16-18 HEX NYLON LOCK
53	5025011X18	2	BOLT, 5/16-18 X 2-1/4 GD5 CZ
54	--	1	SEE MOTION CONTROL GROUP - SPRING ASSEMBLIES
55	5413693A	1	WELD, SPEED INDICATOR, W25 - BLK
56	5104351	2	SPACER, .33 X 1.00 X .88, CZ
57	5104176	2	PAD, T-712 FRICTION MATERIAL
58	5101640	1	SPACER, .38 X .50 X .50
59	5104056	4	BALL JOINT, 5/16-24, FEM, ZIRK (CFR5Z)
60	5104057	4	BALL JOINT, 5/16-24, LH FEM ZIRK (CFL5Z)
61	5023212	4	NUT, 5/16-24 HEX, LH
62	5025033	4	NUT, 5/16-24 HEX
63	5102003	4	BEARING, .375" ID X .875" OD X .341" THK
64	5025155	2	WASHER, 5/16 SAE
65	5025011X16	4	BOLT, 5/16-18 X 2 GD5 CZ
66	5025011X10	2	BOLT, 5/16-18 X 1-1/4 GD5 CZ
67	5022392	1	BALL JOINT, 3/8-24 FEMALE, LH
68	5104568	1	U-CHANNEL, RPVC #6236 X 4"

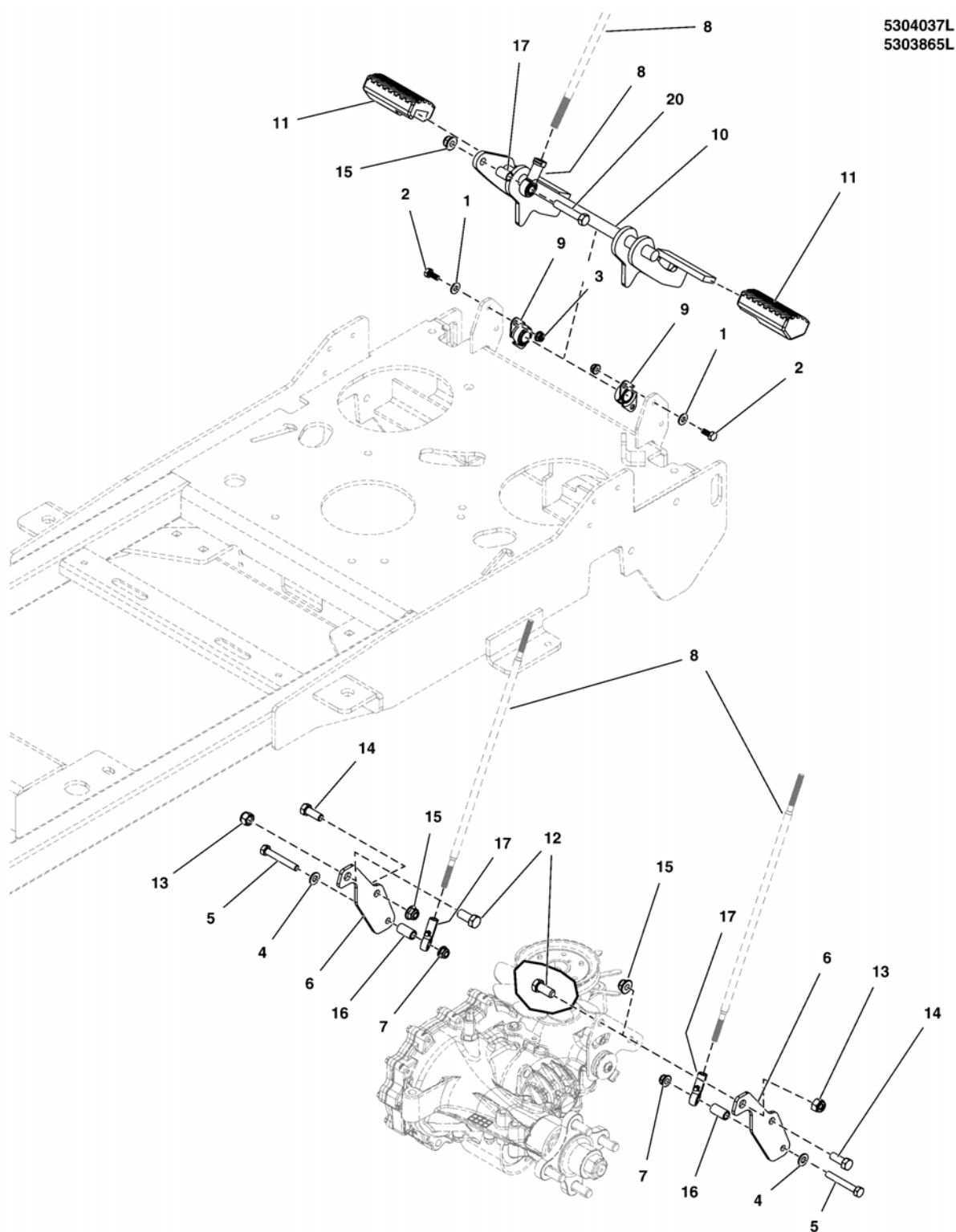
Footnotes

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

5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)
5901441 (FW25KAV1936RDCE)

Motion Control Group - Lower

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



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

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5901426 (FW25CCKAV1936)	
5901430 (FW25CCKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Motion Control Group - Lower

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025154	4	WASHER, 1/4 SAE
2	5025010X5	4	BOLT-1/4-20 X 5/8 GD5 CZ
3	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
4	5025155	2	WASHER, 5/16 SAE
5	5025011X18	2	BOLT, 5/16-18 X 2-1/4 GD5 CZ
6	5412050A	2	PLATE, CONTROL MOUNT, WALK - BLK
7	5025392	2	NUT, 5/16-18 HEX NYLOCK FLANGE
8	--	1	SEE MOTION CONTROL UPPER GROUP
9	5104270	2	BEARING, 5/8" FLANGED, PLASTIC BALL
10	5412284A	1	WELD, FOOT PEDAL - BLK
11	5104262	2	PEDAL, RUBBER
12	5025015X8	2	BOLT, 7/16-14 X 1 GD5
13	5025125	2	NUT, 7/16-14 HEX NYLON LOCK
14	5025013X8	2	BOLT, 3/8-16 X 1 GD5 CZ
15	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
16	5102812	2	SPACER, .33 X .51 X 1.00, CZ
17	5047199	1	SPACER, .38 X .50 X .75

Not for
Reproduction

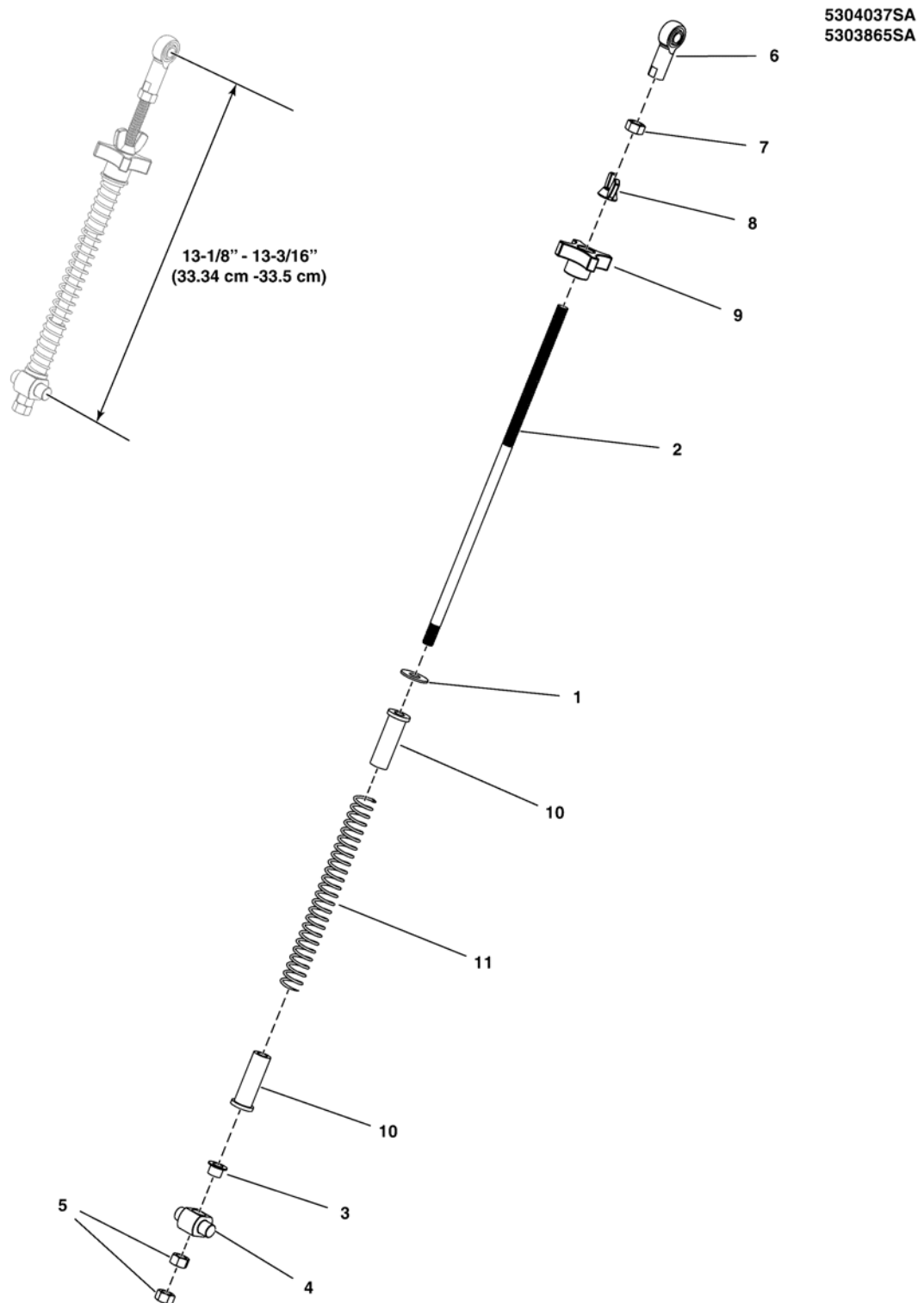
Footnotes

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

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Motion Control Group - Spring Assemblies

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



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

5901428 (FW25CCKAV1548)	5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)	
5901430 (FW25CCKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Motion Control Group - Spring Assemblies

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025401	2	WASHER, 3/8 USS
2	5104229	2	ROD, CONTROL SYSTEM, WALK
3	5102773	2	BUSHING, .38ID X .47 OD X .38L, FL
4	5103022	2	TRUNION, 1/2" POSTS, STAINLESS
5	5025034	4	NUT, 3/8-16 HEX
6	5021683	2	BALL JOINT, 3/8-24 FEMALE
7	5025035	2	NUT, 3/8-24 HEX
8	5025608	2	WING NUT, 3/8-24, CZ
9	5104174	2	KNOB, 4 ARM, 3/8-24
10	5104375	4	FLANGED BUSHING, 3/8IDX.63ODX.8125FL
11	5104374	2	SPRING,COMP,.645IDX8.00LGX.080WR,BLK E-C

Not for
Reproduction

Footnotes

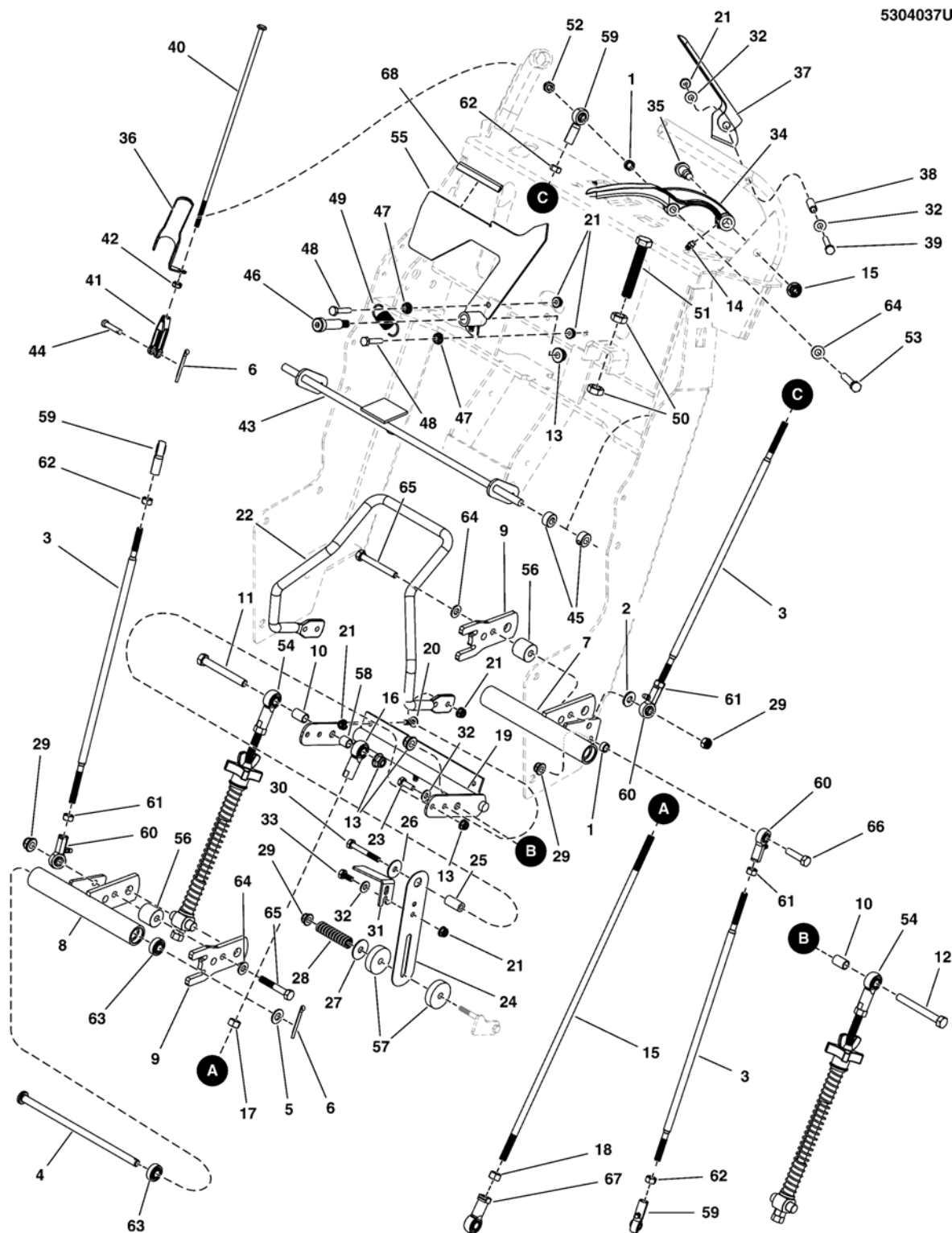
The above parts group applies to the following Mfg. Nos.:

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Motion Control Group - Upper (Centralized Controls)

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

5304037U



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

5901428 (FW25CCKAV1548)

5901426 (FW25CCKAV1936)

5901430 (FW25CCKAV1948)

Motion Control Group - Upper (Centralized Controls)

REF NO	PART NO.	QTY.	DESCRIPTION
1	5102463	4	SPACER, .33 X .50 X .25, PM, CZ
2	5025292	2	WASHER, 5/16 F436 FLAT
3	5104159	4	ROD, 5/16-24 X 15.48, LH-RH, CZ
4	5104328	2	ROD, 3/8 X 8.49, HEADED
5	5025156	2	WASHER, 3/8 SAE
6	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4
7	5412616A	1	WELD, CENTER PIVOT HUB, LH - WALK - BLK
8	5412617A	1	WELD, CENTER PIVOT HUB, RH - WALK - BLK
9	5411633A	2	TAB, CONTROL PIVOT - BLK
10	5047199	3	SPACER, .38 X .50 X .75
11	5025013X24	1	BOLT, 3/8-16 X 3 GD5 CZ
12	5025013X16	1	BOLT, 3/8-16 X 2 GD5 CZ
13	5025394	6	NUT, 3/8-16 HEX NYLOCK FLANGE
14	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT
15	5104164	1	ROD, 3/8-24, 19.00, LH-RH CZ
16	5021683	1	BALL JOINT, 3/8-24 FEMALE
17	5025035	1	NUT, 3/8-24 HEX
18	5025317	1	NUT, 3/8-24 HEX, LH
19	5412891A	1	WELD, SPEED CONTROL, SW35 - BLK
20	1960715	2	SCREW-TRUSS HD TORX DR 1/4-20X0.750 T27
21	5025391	12	NUT, 1/4-20 HEX NYLOCK FLANGE
22	5412664A	1	WELD, SPEED BAR - BLK
23	5025010X6	3	BOLT, 1/4-20 X 3/4 GD5 CZ
24	5409272	1	PLATE, FRICTION CONTROL, SS
25	5101274	1	SPACER, .26 X .50 X 1.00
26	5025288	1	WASHER, 1/4 FENDER
27	5025164	1	WASHER, 5/16 FENDER
28	5104221	1	SPRING, COMP, .40 X .60 X 2.25, BLACK
29	5025392	7	NUT, 5/16-18 HEX NYLOCK FLANGE
30	5025010X16	1	BOLT, 1/4-20 X 2 GD5 CZ
31	5412363A	1	BRACKET, SWITCH ENGAGEMENT - BLK
32	5025154	9	WASHER, 1/4 SAE
33	5025010X5	2	BOLT-1/4-20 X 5/8 GD5 CZ
34	5102556A	2	HANDLE, REVERSING - BLK
35	5025223	2	BOLT, 3/8-16 X 1, 1/2 SHOULDER
36	5104201A	1	FLAP, OPS - BLK
37	5104202A	1	FLAP, OPS - BLK
38	5101215	2	SPACER, .26 X .38 X 1.25, CZ
39	5025010X14	2	BOLT, 1/4-20 X 1-3/4 GD5 CZ
40	5101242	2	ROD, OPC LINK, SNP PRO WB
41	5021104	2	CLEVIS, 1/4-28, PLASTIC

Footnotes

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

5901428 (FW25CCKAV1548)

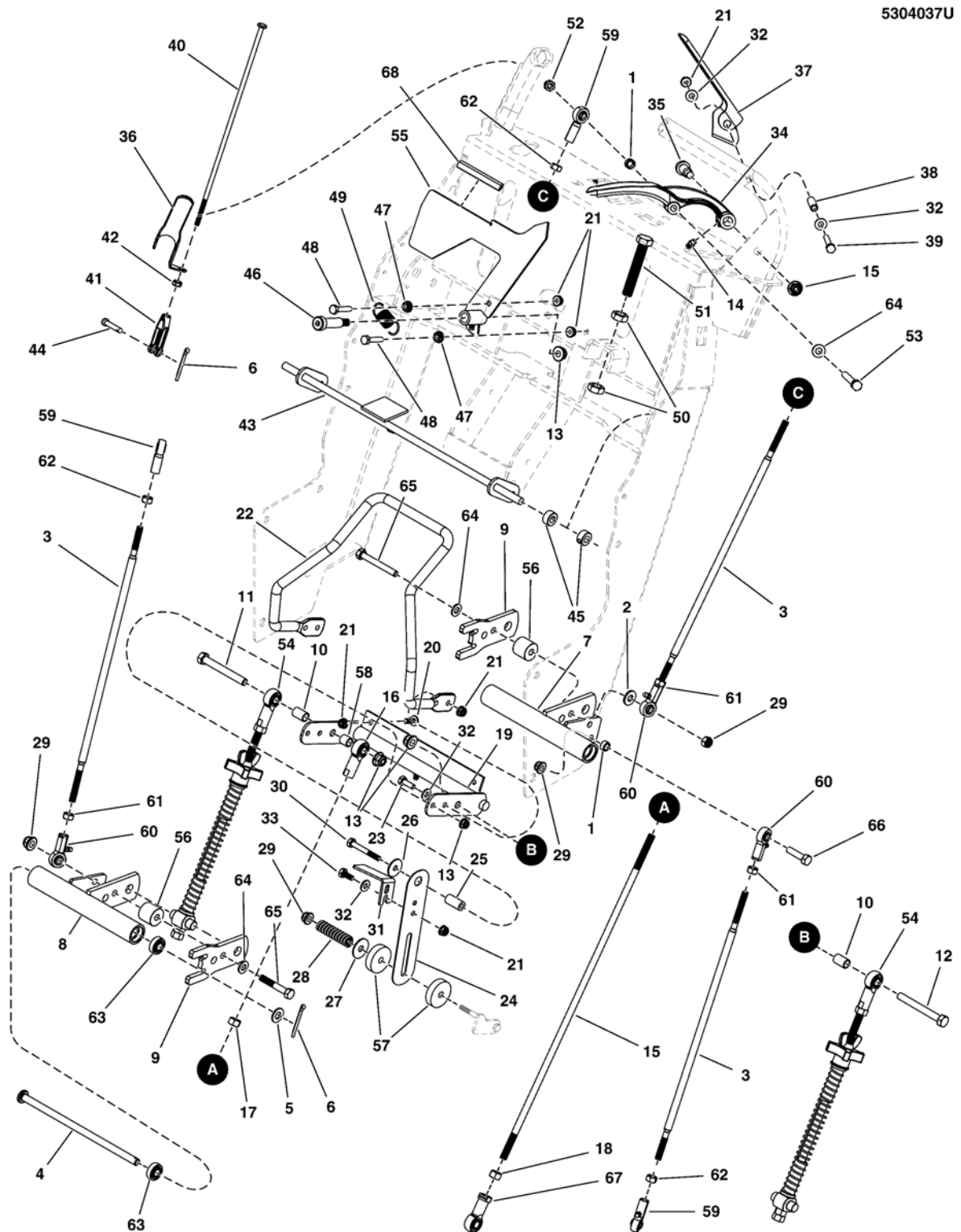
5901426 (FW25CCKAV1936)

5901430 (FW25CCKAV1948)

Motion Control Group - Upper (Centralized Controls)

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

5304037U



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

5901428 (FW25CCKAV1548)

5901426 (FW25CCKAV1936)

5901430 (FW25CCKAV1948)

Motion Control Group - Upper (Centralized Controls)

REF NO	PART NO.	QTY.	DESCRIPTION
42	7090095	2	HN, 1/4F GR5 YZ
43	5412020A	1	WELD, OPC ROD, WALK - BLK
44	5025212X7	2	PIN, CLEVIS, 1/4 X 7/8, PLATED
45	5010546	2	COLLAR, 3/8 SET
46	5025220	1	BOLT-3/8-16 x 1-1/2, 1/2 SHOULDER
47	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE
48	5025010X10	2	BOLT, 1/4-20 X 1-1/4 GD5 CZ
49	5010213	1	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
50	5025089	2	NUT, 1/2-20 HEX JAM
51	5025426	1	BOLT, 1/2-20 X 2-1/2, FLT
52	5025057	2	NUT, 5/16-18 HEX NYLON LOCK
53	5025011X18	2	BOLT, 5/16-18 X 2-1/4 GD5 CZ
54	--	1	SEE MOTION CONTROL GROUP - SPRING ASSEMBLIES
55	5413693A	1	WELD, SPEED INDICATOR, W25 - BLK
56	5104351	2	SPACER, .33 X 1.00 X .88, CZ
57	5104176	2	PAD, T-712 FRICTION MATERIAL
58	5101640	1	SPACER, .38 X .50 X .50
59	5104056	4	BALL JOINT, 5/16-24, FEM, ZIRK (CFR5Z)
60	5104057	4	BALL JOINT, 5/16-24, LH FEM ZIRK (CFL5Z)
61	5023212	4	NUT, 5/16-24 HEX, LH
62	5025033	4	NUT, 5/16-24 HEX
63	5102003	4	BEARING, .375" ID X .875" OD X .341" THK
64	5025155	2	WASHER, 5/16 SAE
65	5025011X20	2	BOLT, 5/16-18 X 2-1/2 GD5 CZ
66	5025011X10	2	BOLT, 5/16-18 X 1-1/4 GD5 CZ
67	5022392	1	BALL JOINT, 3/8-24 FEMALE, LH
68	5104568	1	U-CHANNEL, RPVC #6236 X 4"

Footnotes

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

5901428 (FW25CCKAV1548)

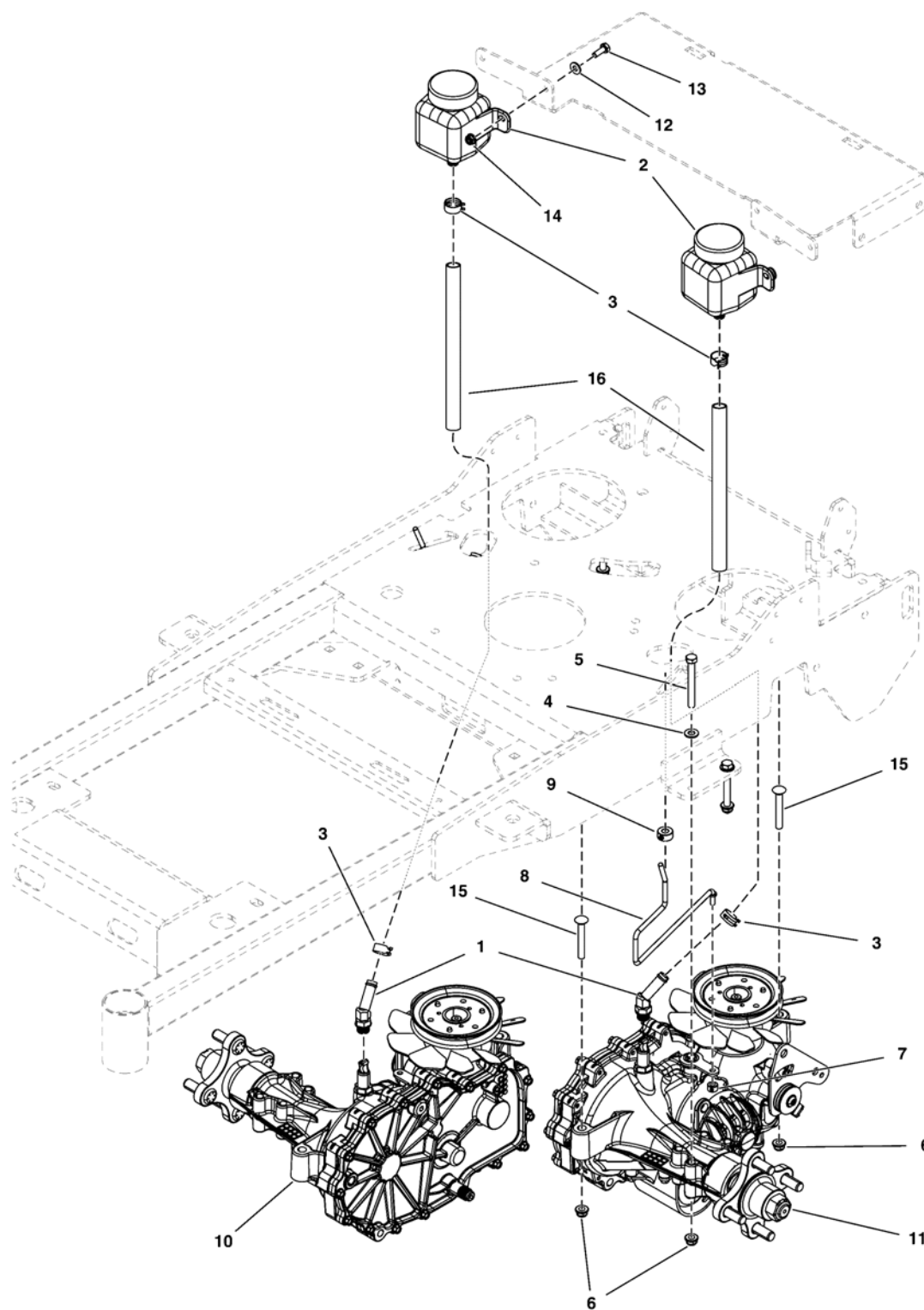
5901426 (FW25CCKAV1936)

5901430 (FW25CCKAV1948)

Hydraulic Group

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

5303862



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

5901428 (FW25CCKAV1548)	5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)	
5901430 (FW25CCKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Hydraulic Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5102054	2	FITTING, 1/2 HOSE - 9/16 O-RING, 45 ELB
2	5100473	2	HYDRO RES. #71328, 350 ml
3	5025474	4	CLAMP, HOSE, .75 FREE DIA.
4	5025155	4	WASHER, 5/16 SAE
5	5025011X22	4	BOLT, 5/16-18 X 2-3/4 GD5 CZ
6	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
7	5022481	2	COLLAR, 1/4 SET
8	5104532	2	ROD, HYDRO RELEASE, W25
9	5020047	2	COLLAR, 5/16 SET
10	5104472	1	TRANSAXLE, ZT3100, RH, ZJ-KMFE-3L5C-1PLX
11	5104471	1	TRANSAXLE, ZT3100, LH, ZJ-GMFE-3L5B-1PLX
12	5025154	4	WASHER, 1/4 SAE
13	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
14	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
15	5025145X18	4	BOLT, 5/16-18 X 2-1/4, CARRIAGE, GD5, CZ
16	5050857X7P5	2	HOSE, 1/2" PUSH-ON, 7.50"

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Footnotes

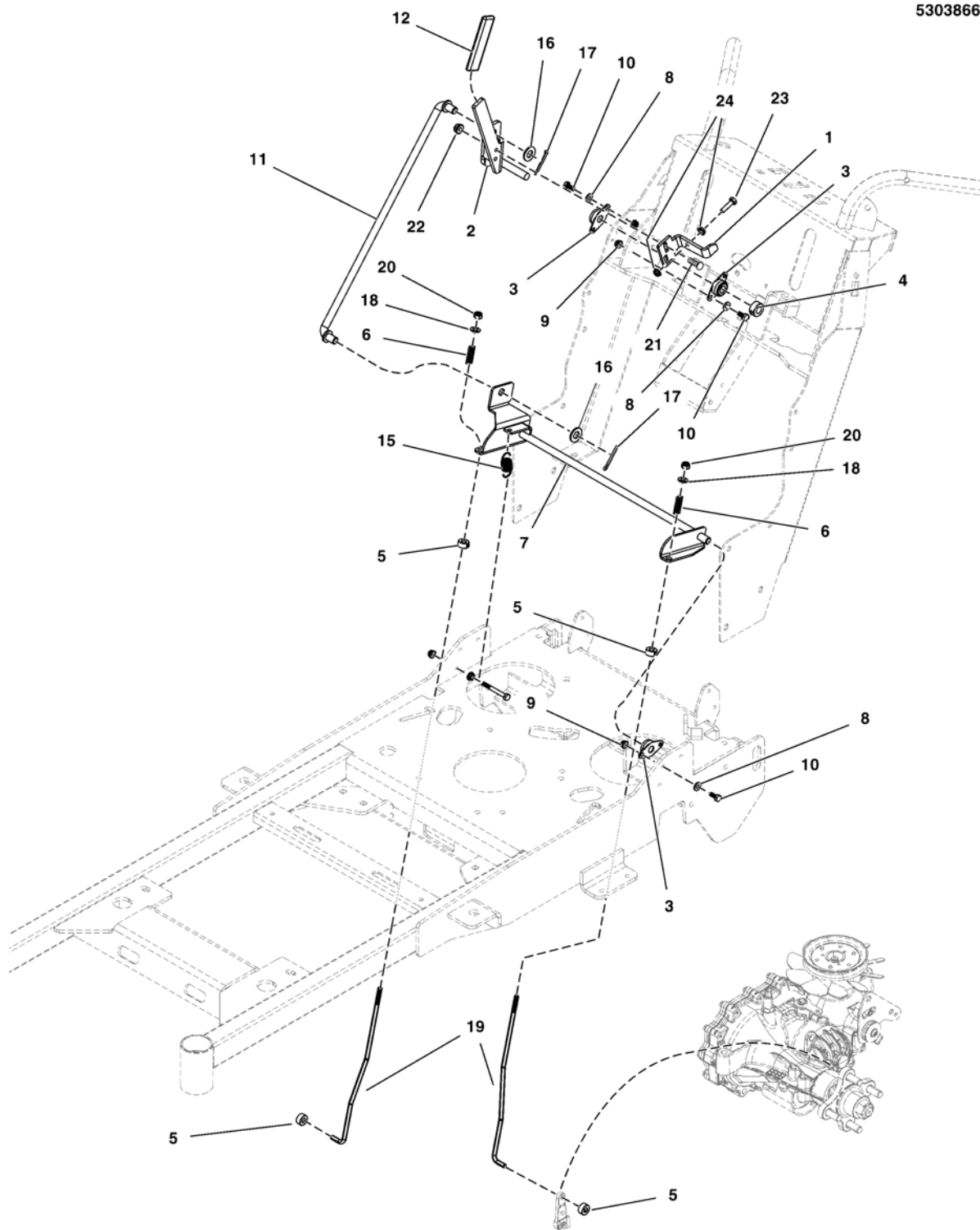
The above parts group applies to the following Mfg. Nos.:

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Parking Brake Group

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

5303866



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

5901428 (FW25CCKAV1548)

5901441 (FW25KAV1936RDCE)

5901426 (FW25CCKAV1936)

5901430 (FW25CCKAV1948)

5901425 (FW25KAV1536)

5901427 (FW25KAV1548)

5901429 (FW25KAV1948)

Parking Brake Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5413511A	1	PLATE, NEUTRAL LOCKOUT, SW25 - BLK
2	5412860A	1	WELD, PARKING BRAKE HANDLE - BLK
3	5101123	4	BEARING, 1/2 FLANGED, PLASTIC BALL
4	5010580	1	COLLAR, 1/2 SET
5	5020047	4	COLLAR, 5/16 SET
6	5020637	2	SPRING-COMP, .375IDX2.75LGX.054WR, SS
7	5412846A	1	WELD, PARKING BRAKE, SW25/FW25 - BLK
8	5025154	8	WASHER, 1/4 SAE
9	5025391	9	NUT, 1/4-20 HEX NYLOCK FLANGE
10	5025010X5	8	BOLT-1/4-20 X 5/8 GD5 CZ
11	5104401	1	ROD, PARKING BRAKE, SW25
12	5025510	1	GRIP, FOAM, 1/4 X 1 X 4.1
13	5025126	1	NUT, 1/4-20 HEX SERR. FLANGE
14	5025010X18	1	BOLT, 1/4-20 X 2-1/4 GD5 CZ
15	5010213	1	SPRING-EXT, .740 ODX2.025LGX.072WR, BLK
16	5025158	2	WASHER, 1/2 SAE
17	5025203X10	2	PIN, COTTER, 1/8 X 1-1/4
18	5025155	2	WASHER, 5/16 SAE
19	5104496	2	ROD, BRAKE CTRL, LOWER, SW25/FW25
20	5025057	2	NUT, 5/16-18 HEX NYLON LOCK
21	80005053	2	BOLT, 1/4-20X1.000,GR5,STD NECK,SQ ZC/CL
22	5025095	2	NUT, 1/4-20 HEX NYLON LOCK
23	5025010X8	1	BOLT, 1/4-20 X 1-1/4 GD5 CZ
24	5025126	2	NUT, 1/4-20 HEX SERRATED FLANGE

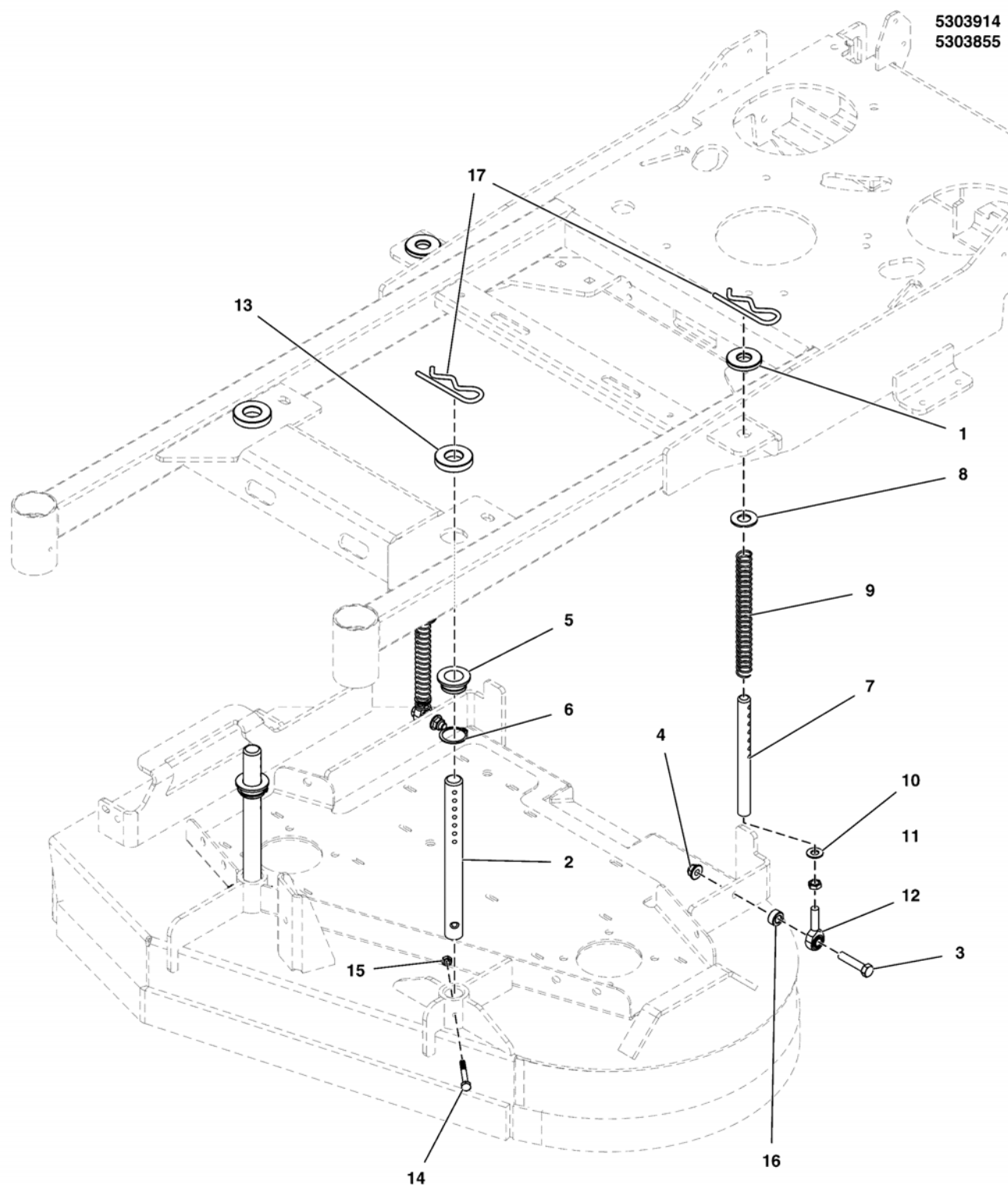
Footnotes

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

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
 5901426 (FW25CCKAV1936)
 5901430 (FW25CCKAV1948)
 5901425 (FW25KAV1536)
 5901427 (FW25KAV1548)
 5901429 (FW25KAV1948)

Deck Lift Group

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



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

5901428 (FW25CCKAV1548)	5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)	
5901430 (FW25CCKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Deck Lift Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5104400	2	SPACER, .688 X 1.750 X .25, CZ
2	5104346	2	SHAFT, FRONT DECK LIFT, SW25/FW25
3	5025013X14	2	BOLT, 3/8-16 X 1-3/4 GD5 CZ
4	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
5	5104413	2	BUSHING, FRONT DECK LIFT
6	5025614	2	SNAP RING, EXTERNAL, 1-1/4 SHAFT, BLK
7	5104345	2	SHAFT, REAR DECK LIFT, SW25/FW25
8	5025281	2	WASHER, 5/8 SAE (36" Mower Decks Only)
9	5104374	2	SPRING,COMP,.645IDX8.00LGX.080WR,BLK E-C (36" Mower Decks Only)
10	5025156	2	WASHER, 3/8 SAE (36" Mower Decks Only)
11	5025309	2	NUT, 3/8-24 HEX JAM
12	5021124	2	BALL JOINT, 3/8-24 MALE
13	5104347	2	SPACER, .89 X 1.88 X .38, CZ
14	5025010X16	2	BOLT, 1/4-20 X 2 GD5 CZ
15	5025095	2	NUT, 1/4-20 HEX NYLON LOCK
16	5044933	2	SPACER, .39 X .75 X .38, PM, CZ
17	5025612	4	PIN, HAIR, .1719 X 3-1/4, 7/8 EYE, CZ

Not for
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Footnotes

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

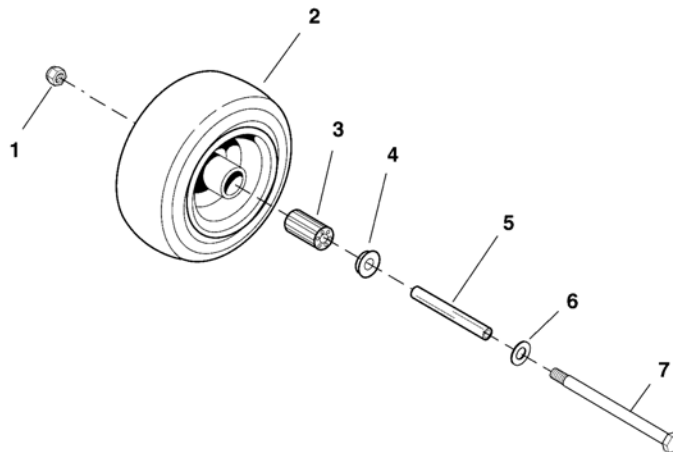
5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Wheel & Tire Group

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

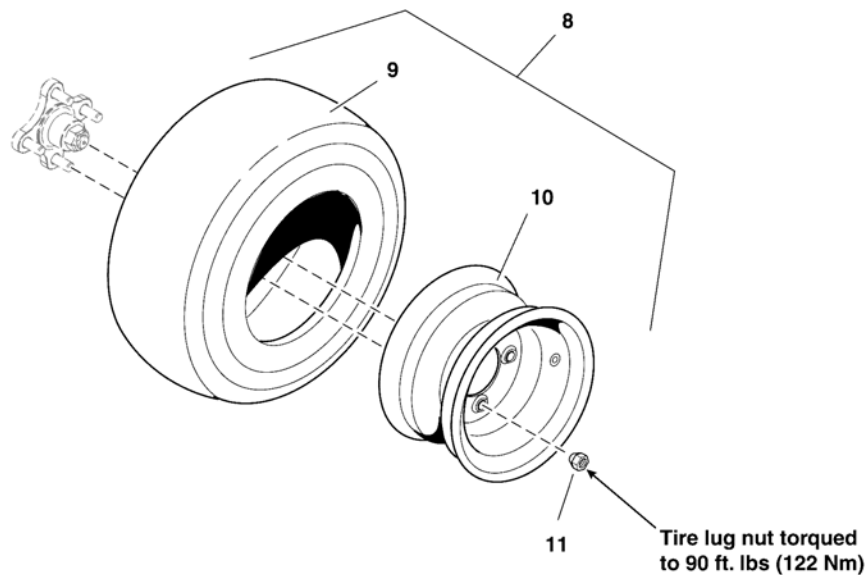
Front Wheels & Tires

5303868



Flat Free Tire

Rear Wheels & Tires



Inflate to 15 psi (1,03 bar)

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

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Wheel & Tire Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025396	2	NUT, 1/2-13 HEX NYLOCK FLANGE
2	5100790	2	TIRE ASSM, 9 X 3.5 - 4, FF / CB
3	5021182	2	BEARING, ROLLER (SV)
4	5021043	4	RETAINER, BEARING (SV)
5	5041657	2	AXLE, CASTER WHEEL
6	5025158	2	WASHER, 1/2 SAE
7	5025017X44	2	BOLT, 1/2-13 X 5-1/2 GD5 CZ
8	5101068	2	TIRE ASSM, 20 X 7 - 10, TURF, 4 BOLT
9	5101068X1	2	TIRE, 20X7.00-10NHS, TURF MASTER (SV)
10	5101068X2	2	WHEEL, 10 X 6.00 4/4 SOLID, F237 (SV)
11	5020601	8	NUT, 1/2-20, FOR WHEEL BOLT SILVER

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Reproduction

Footnotes

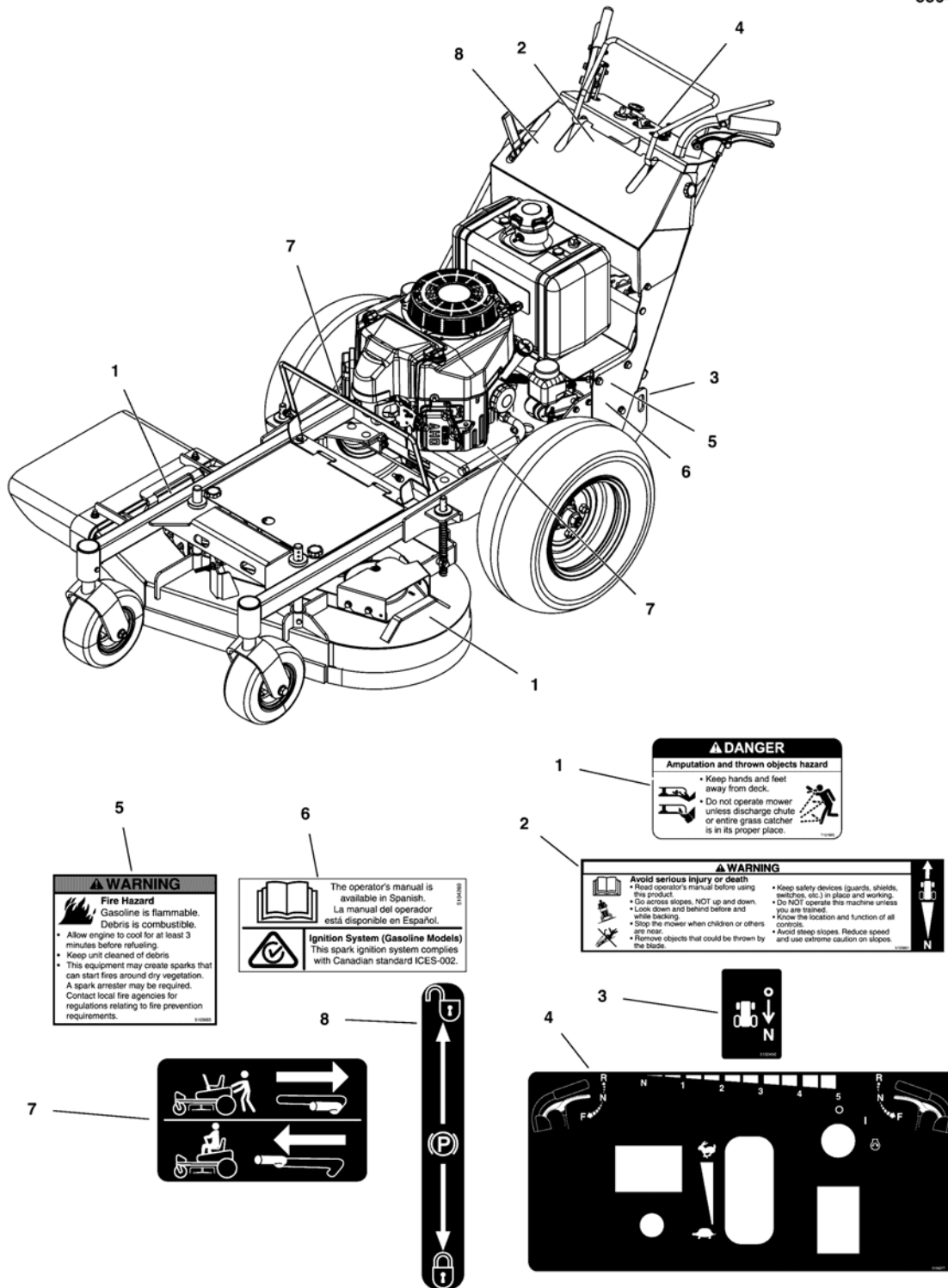
The above parts group applies to the following Mfg. Nos.:

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Decal Group - Safety & Operation USA Models

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

5304038



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

5901428 (FW25CCKAV1548)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Decal Group - Safety & Operation USA Models

REF NO	PART NO.	QTY.	DESCRIPTION
1	7101665	2	DECAL, DANGER DO NOT OPERATE W/O DEFLECT
2	5103601	1	DECAL, WARNING, WALKS
3	5100490	2	DECAL, PEDAL
4	5104377	1	DECAL, DASH PANEL, CENTRAL CTRLS
5	5103665	1	DECAL, FIRE HARARD, 3.25W X 3.0H
6	5104269	1	DECAL, SPANISH MANUAL, IGES, C-TICK
7	5104268	2	DECAL, TRANSAXLE RELEASE, WB
8	5102628	1	DECAL, PARKING BRAKE SYMBOLS

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Reproduction

Footnotes

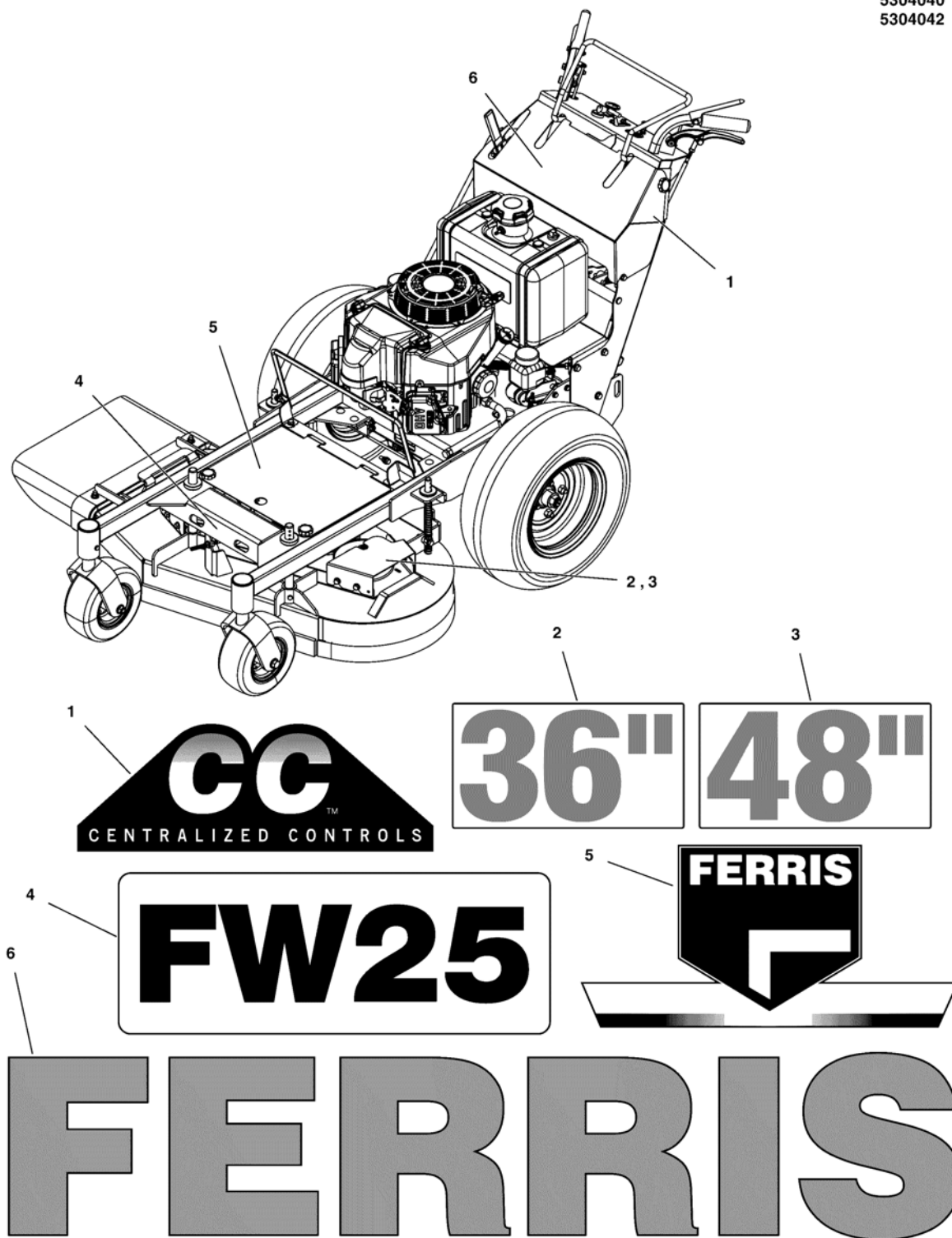
The above parts group applies to the following Mfg. Nos.:

5901428 (FW25CCKAV1548)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Decal Group - Brand & Model

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

5304040
5304042



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

5901428 (FW25CCKAV1548)	5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)	
5901430 (FW25CCKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Decal Group - Brand & Model

REF NO	PART NO.	QTY.	DESCRIPTION
1	5104518	1	DECAL, CENTRALIZED CONTROLS (Models with Centralized Controls Only)
2	5101322	1	DECAL, 36 (36" Models)
3	5022811	1	DECAL, 48 (48" Models)
4	5104486	1	DECAL, MODEL SERIES, FW25
5	5100344	1	DECAL, FERRIS, FRONT, 8.78 X 5.81
6	5103799	1	DECAL, FERRIS, 2.23" X 11.39"

Not for
Reproduction

Footnotes

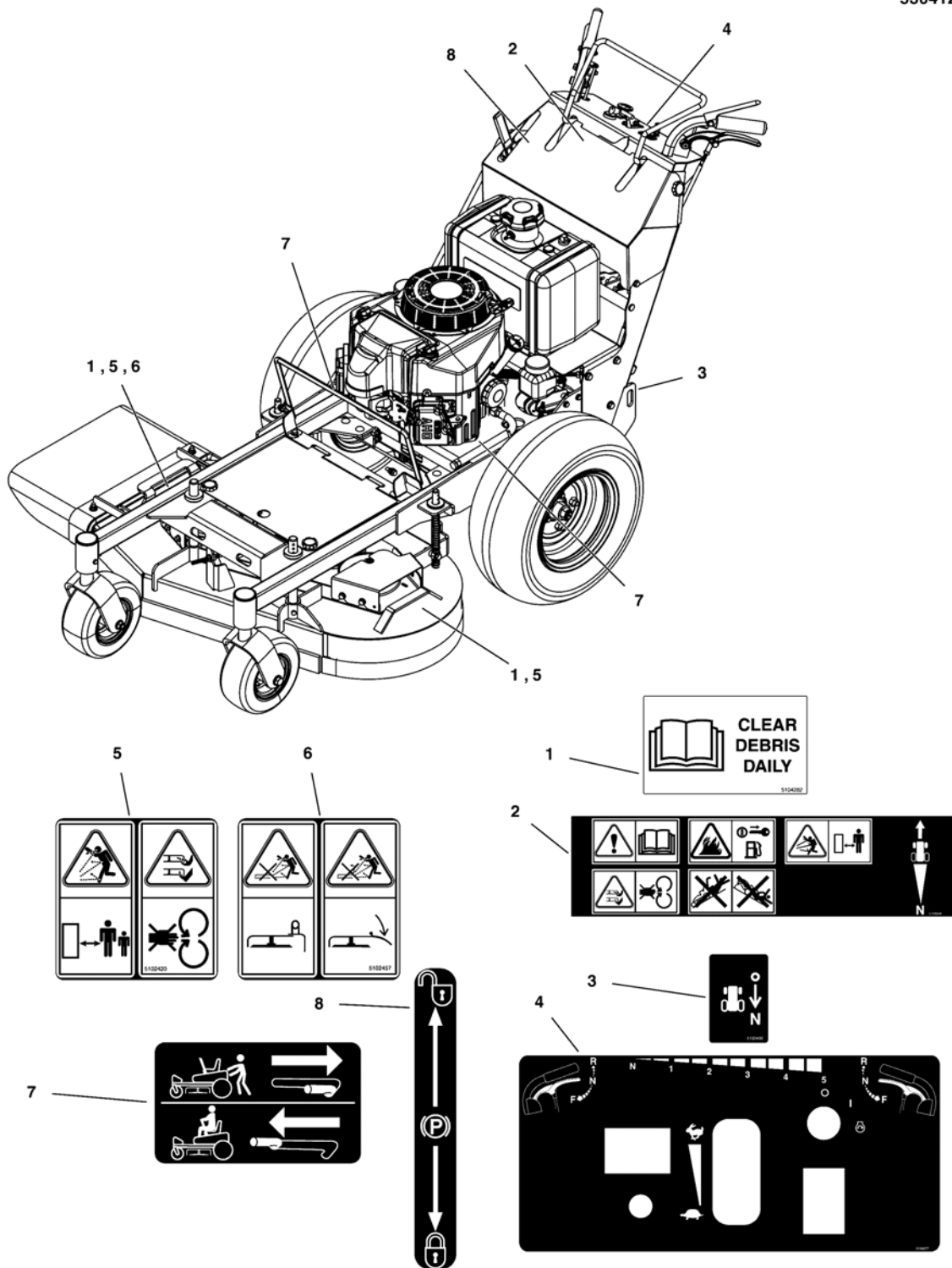
The above parts group applies to the following Mfg. Nos.:

5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Decal Group - Safety & Operation CE Models

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

5304123



The above parts group applies to the following Mfg. Nos.:
5901441 (FW25KAV1936RDCE)

Decal Group - Safety & Operation CE Models

REF NO	PART NO.	QTY.	DESCRIPTION
1	5104282	2	DECAL, CLEAR DEBRIS DAILY
2	5100934	1	DECAL, CCW, CE
3	5100490	2	DECAL, PEDAL
4	5104377	1	DECAL, DASH PANEL, CENTRAL CTRLS
5	5102420	2	DECAL, DANGER, MOWER DECK, ANSI EXP
6	5102457	1	DECAL, DANGER DISCHARGE ANSI EXPORT
7	5104268	2	DECAL, TRANSAXLE RELEASE, WB
8	5102628	1	DECAL, PARKING BRAKE SYMBOLS

Not for
Reproduction

Footnotes

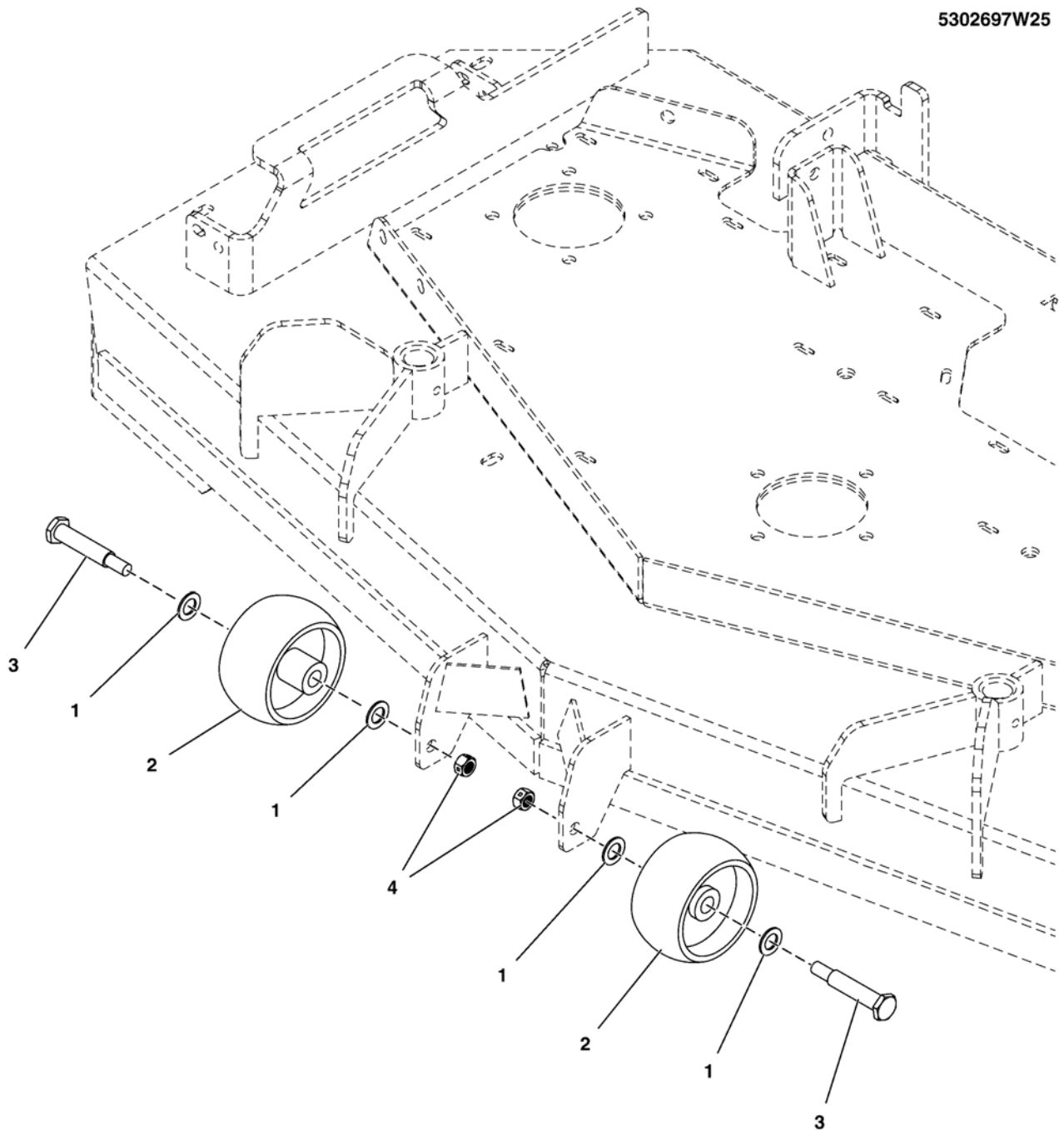
The above parts group applies to the following Mfg. Nos.:

5901441 (FW25KAV1936RDCE)

48" Mower Deck - Rollers

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

5302697W25



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

5901428 (FW25CCKAV1548)
5901430 (FW25CCKAV1948)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

48" Mower Deck - Rollers

REF NO	PART NO.	QTY.	DESCRIPTION
1	80003590	4	WASHER,,516IDX.875ODX.06,FLAT,ZC/CL
2	1714760	2	WHEEL- 2.00 WIDE 3.88 DIA 0.531ID POLY
3	2108765	2	BOLT-WHEEL 3/8-16X2.781 .750 THRD
4	5025100	2	NUT, 3/8-16 HEX SIDE LOCK

Not for
Reproduction

Footnotes

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

5901428 (FW25CCKAV1548)

5901430 (FW25CCKAV1948)

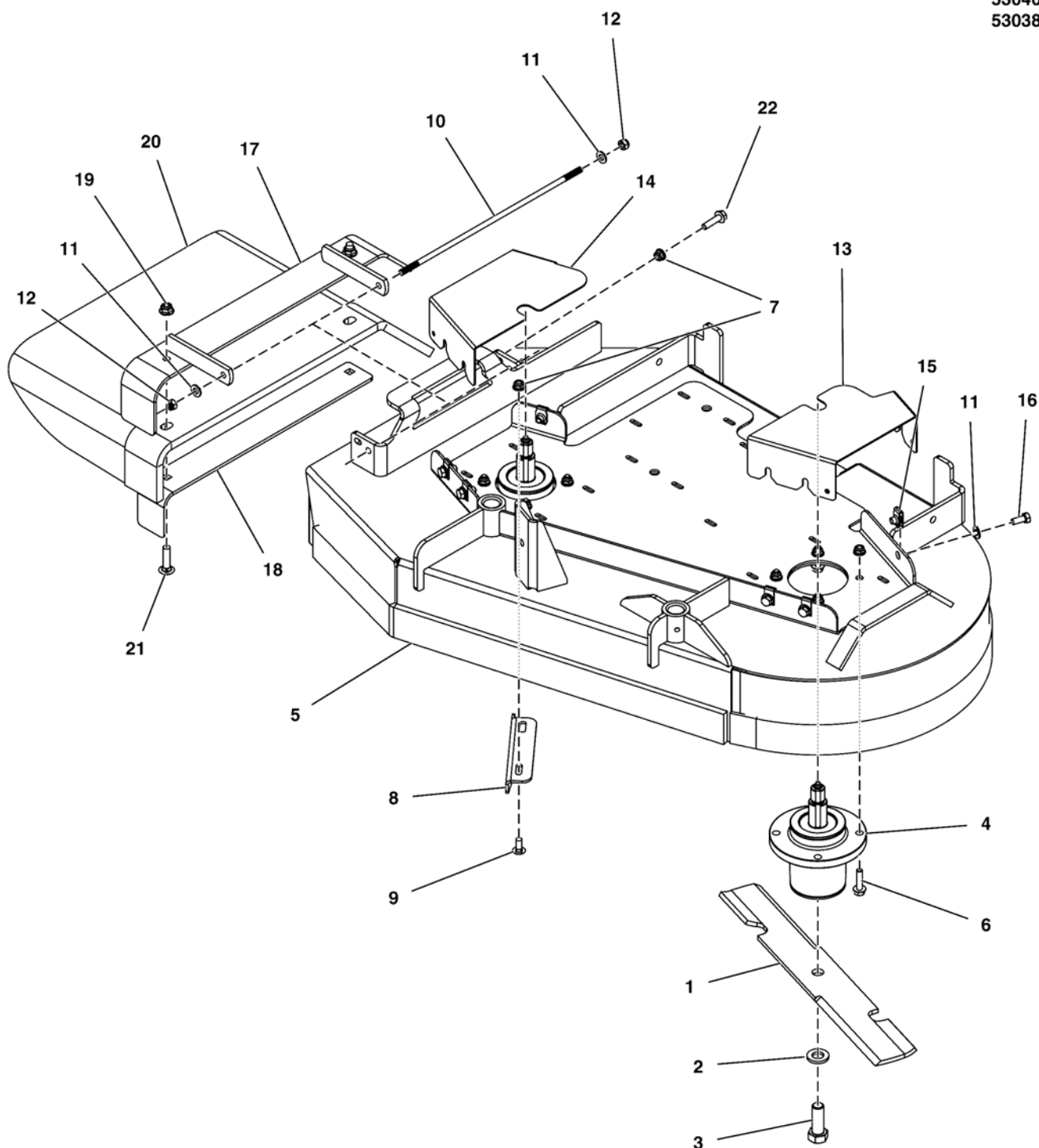
5901427 (FW25KAV1548)

5901429 (FW25KAV1948)

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

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

5304043
5303860



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

5901426 (FW25CCKAV1936)

5901425 (FW25KAV1536)

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

REF NO	PART NO.	QTY.	DESCRIPTION
1	5101756X2	1	BLADE SET, 36 DECK (2)
2	5025477	2	WASHER, BLADE BOLT, 9/16" F436, CZ
3	5025320X14	2	BOLT, 5/8-11 X 1-3/4 GD8
4	5061095	2	SPINDLE, ASSM, ALUMINUM - 5.25
5	5600849	1	DECK SHELL W/ DECALS, 36, FW25 (5412771B)
6	5023156	8	BOLT, 5/16-18 X 1 1/4 FLANGE
7	5025392	11	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5413147A	1	PLATE, DEFLECTOR, SWFW25 36" - BLK
9	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
10	5042555	1	ROD, 5/16 X 13.75, TBE, CZ
11	5025155	8	WASHER, 5/16 SAE
12	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
13	5413306B	1	GUARD, DECK, FW25 36" LH - RED
14	5413305B	1	GUARD, DECK, FW25 36" RH - RED
15	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
16	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5 CZ
17	5413404A	1	WELD, MOUNT, DISCHARGE CHUTE - BLK
18	5413401A	1	SUPPORT, DISCHARGE CHUTE - BLK
19	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
20	5413498	1	CHUTE, RUBBER DISCHARGE CHUTE (5104441)
21	5025146X12	2	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
22	1930591	1	SCREW-HEX WZ LOCK FLNG 5/16-18X0.750BLK

Footnotes

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

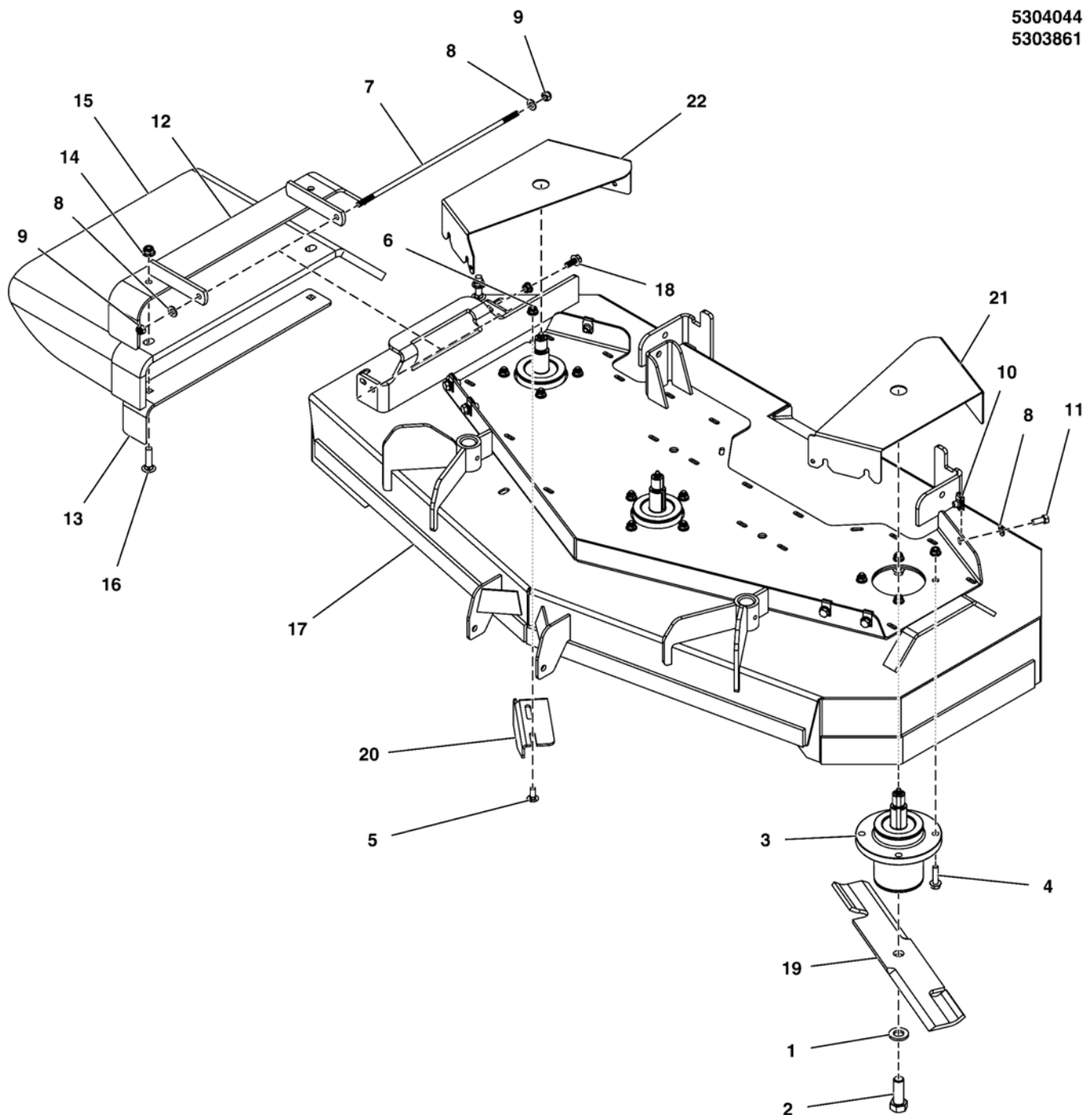
5901426 (FW25CCKAV1936)

5901425 (FW25KAV1536)

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

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

5304044
5303861



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

5901428 (FW25CCKAV1548)
5901430 (FW25CCKAV1948)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

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

REF NO	PART NO.	QTY.	DESCRIPTION
1	5025477	3	WASHER, BLADE BOLT, 9/16" F436, CZ
2	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GD8
3	5061095	3	SPINDLE, ASSM, ALUMINUM - 5.25
4	5023156	12	BOLT, 5/16-18 X 1 1/4 FLANGE
5	5025145X6	2	BOLT, 5/16-18 X 3/4, CARRIAGE
6	5025392	15	NUT, 5/16-18 HEX NYLOCK FLANGE
7	5042555	1	ROD, 5/16 X 13.75, TBE, CZ
8	5025155	8	WASHER, 5/16 SAE
9	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
10	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
11	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5 CZ
12	5413404A	1	WELD, MOUNT, DISCHARGE CHUTE - BLK
13	5413401A	1	SUPPORT, DISCHARGE CHUTE - BLK
14	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
15	5413498	1	CHUTE, RUBBER DISCHARGE CHUTE (5104441)
16	5025146X12	2	BOLT, 3/8-16 X 1-1/2, CARRIAGE, GD5, CZ
17	5600851	1	DECK SHELL W/DECALS, 48, FW25 (5412960)
18	1930591	1	SCREW-HEX WZ LOCK FLNG 5/16-18X0.750BLK
19	5101986S	1	BLADE SET, 48 DECK
20	5401344A	1	PLATE, DEFLECTOR - BLK
21	5413006B	1	GUARD, DECK, 48, LH - RED
22	5413005B	1	GUARD, DECK, 48, RH - RED

Footnotes

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

5901428 (FW25CCKAV1548)

5901430 (FW25CCKAV1948)

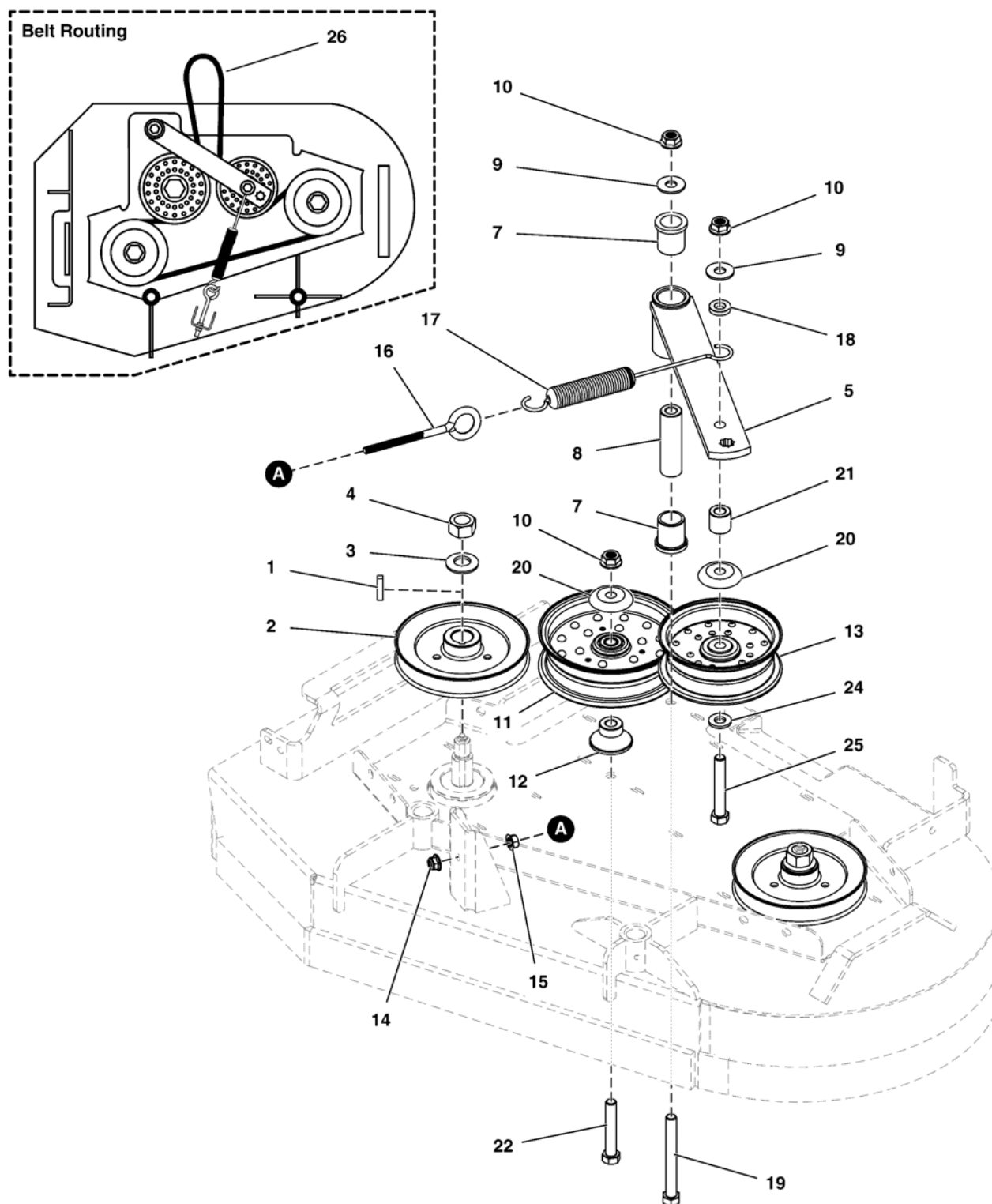
5901427 (FW25KAV1548)

5901429 (FW25KAV1948)

36" Mower Deck - Pulleys, Belt & Idler Arm

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

5304045



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

5901426 (FW25CCKAV1936)
5901425 (FW25KAV1536)
5901441 (FW25KAV1936RDCE)

36" Mower Deck - Pulleys, Belt & Idler Arm

REF NO	PART NO.	QTY.	DESCRIPTION
1	5050407X10	2	KEY, 1/4 SQ X 1-1/4
2	5101351	2	PULLEY, 5.926 OVER BALL
3	5025406	2	WASHER, 3/4 BELLEVILLE
4	5025405	2	NUT, 3/4-16 HEX
5	5401741A	1	WELD, IDLER ARM (10.50) - BLK
6	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
7	5021541	2	BUSHING, FLANGE
8	5045022	1	SPACER, .52 X 1.00 X 3.50
9	5025150	2	WASHER, 1/2 USS
10	5025396	3	NUT, 1/2-13 HEX NYLOCK FLANGE
11	5100529	1	PULLEY, IDLER, 6.75 OD X 1.62 FACE
12	5103430	1	IDLER MOUNT
13	5101312	1	PULLEY, IDLER, 5.00 WIDE W/ .51 BORE
14	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
15	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
16	5021812	1	EYE BOLT, 3/8-16 X 6, 3THRD, 1EYE, CZ
17	5023340	1	SPRING-EXT, 1.04 ODX10.535LGX.148WR, BLK
18	5100520	1	SPACER, .52 X 1.00 X .22, PM, CZ
19	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5 CZ
20	5101103	2	SHIELD, PULLEY BEARING, CZ
21	5049777	1	SPACER, .52 X 1.00 X 1.00
22	5025017X24	1	BOLT, 1/2-13 X 3 GD5 CZ
23	5025158	1	WASHER, 1/2 SAE
24	5025440	1	WASHER, 1/2 GD9 CZ
25	5025017X26	1	BOLT, 1/2-13 X 3-1/4 GD5 CZ
26	5104353	1	BELT, B-SEC, 97.6"EL, ARAMID, WRAPPED

Footnotes

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

5901426 (FW25CCAV1936)

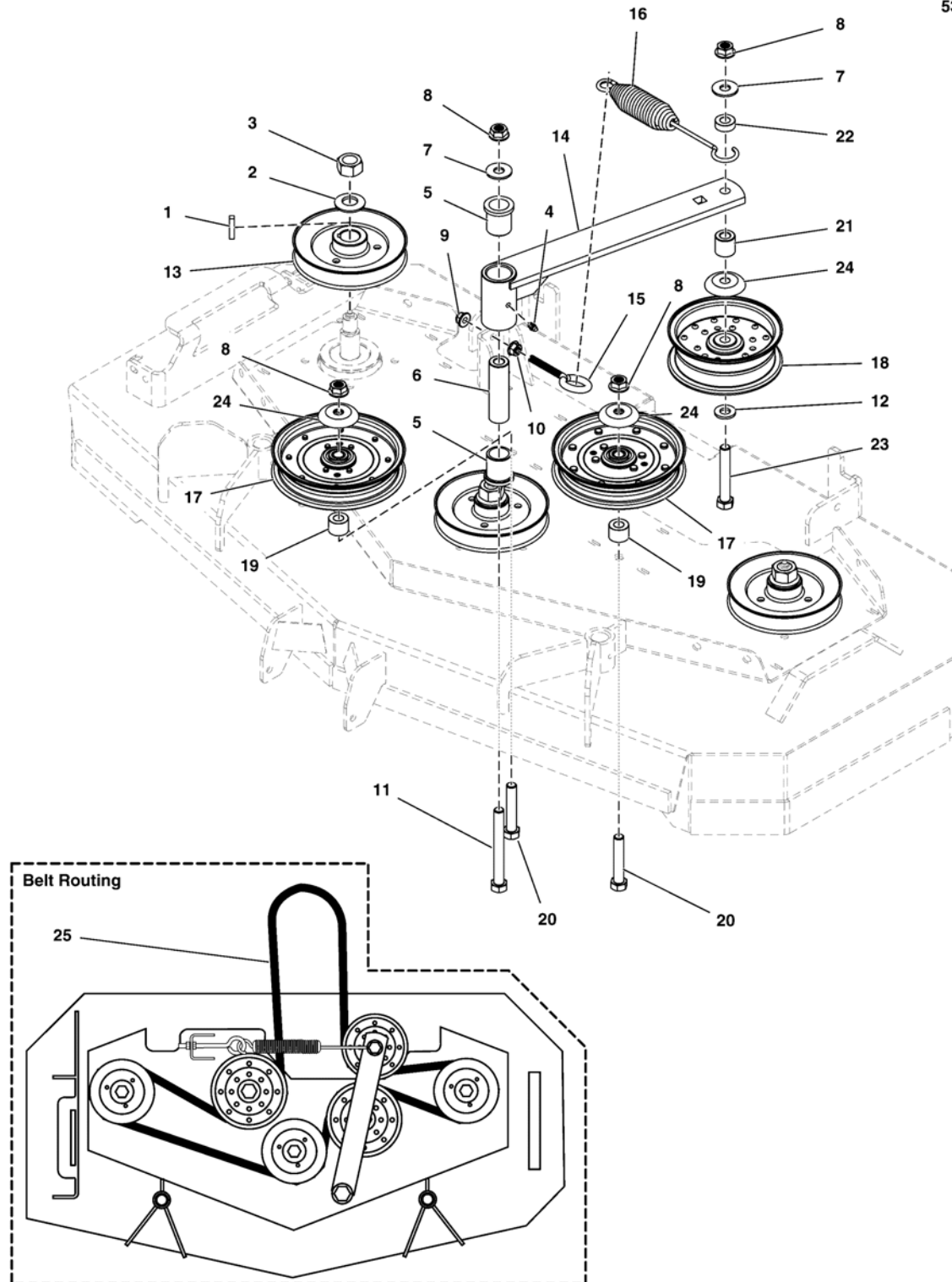
5901425 (FW25KAV1536)

5901441 (FW25KAV1936RDCE)

48" Mower Deck - Pulleys, Belt & Idler Arm

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

5304046



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

5901428 (FW25CCKAV1548)
5901430 (FW25CCKAV1948)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

48" Mower Deck - Pulleys, Belt & Idler Arm

REF NO	PART NO.	QTY.	DESCRIPTION
1	5050407X10	3	KEY, 1/4 SQ X 1-1/4
2	5025406	3	WASHER, 3/4 BELLEVILLE
3	5025405	3	NUT, 3/4-16 HEX
4	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
5	5021541	2	BUSHING, FLANGE
6	5045022	1	SPACER, .52 X 1.00 X 3.50
7	5025150	2	WASHER, 1/2 USS
8	5025396	4	NUT, 1/2-13 HEX NYLOCK FLANGE
9	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
10	5025128	1	NUT, 3/8-16 HEX SERRATED FLANGE
11	5025017X36	1	BOLT, 1/2-13 X 4-1/2 GD5 CZ
12	5025440	1	WASHER, 1/2" GD9 YZ
13	5023175	3	PULLEY, 5.5400B X .985ID, SINGLE B-SEC
14	5413655A	1	WELD, IDLER ARM, 13.50 - BLK
15	5025429	1	EYE BOLT, 3/8-16 X 4, 2.13THRD, 1 EYE,CZ
16	5100632	1	SPRING-EXT, 1.25OD X 9.3LG X .142WR, BLK
17	5103800	2	PULLEY, FLAT IDLER, 6-3/4"
18	5101312	1	PULLEY, IDLER, 5.00 WIDE W/ .51 BORE
19	5045178	2	SPACER, .52 X 1.00 X .75, CZ
20	5025017X22	2	BOLT, 1/2-13 X 2-3/4 GD5 CZ
21	5049777	1	SPACER, .52 X 1.00 X 1.00
22	5044609	1	SPACER, .52 X 1.00 X .38, CZ
23	5025017X26	1	BOLT, 1/2-13 X 3-1/4 GD5 CZ
24	5101103	3	SHIELD, PULLEY BEARING, CZ
25	5104393	1	BELT, B-SEC, 129.15"EL, ARAMID, WRAPED

Footnotes

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

5901428 (FW25CCKAV1548)

5901430 (FW25CCKAV1948)

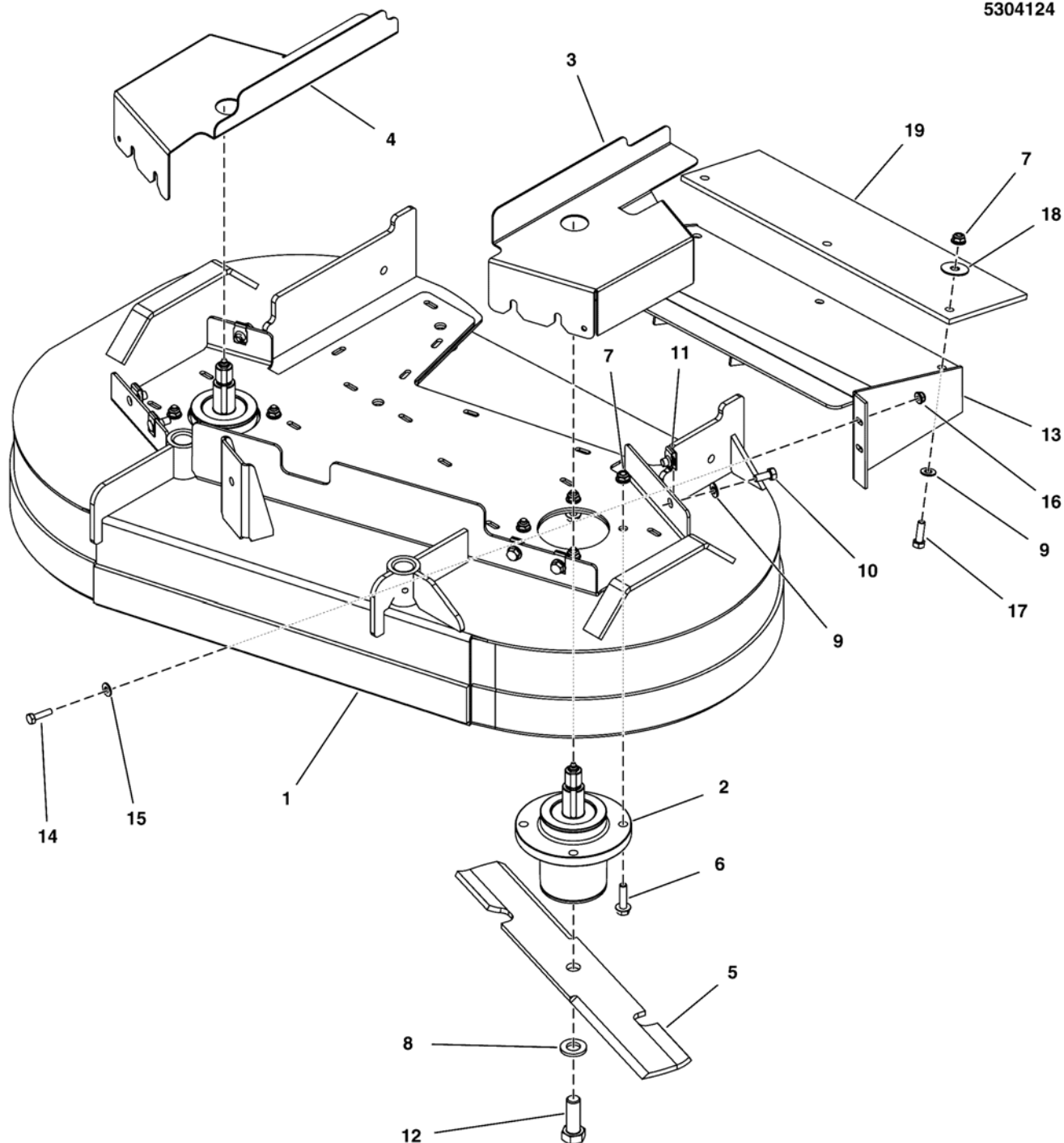
5901427 (FW25KAV1548)

5901429 (FW25KAV1948)

36" Mower Deck (Rear Discharge) - Housing, Covers, Spindles & Blades

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

5304124



The above parts group applies to the following Mfg. Nos.:
5901441 (FW25KAV1936RDCE)

36" Mower Deck (Rear Discharge) - Housing, Covers, Spindles & Blades

REF NO	PART NO.	QTY.	DESCRIPTION
1	5600853	1	DECK SHELL W/ DECALS, 36RDCE, FW25 5413552B
2	5061095	2	SPINDLE, ASSM, ALUMINUM - 5.25
3	5413731B	1	GUARD, DECK SPINDLE FW2536RDCE, LH - RED
4	5413730B	1	GUARD, DECK SPINDLE FW2536RDCE, RH - RED
5	5101756X2	1	BLADE SET, 36 DECK (2)
6	5023156	8	BOLT, 5/16-18 X 1 1/4 FLANGE
7	5025392	11	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5025477	2	WASHER, BLADE BOLT, 9/16" F436, CZ
9	5025155	9	WASHER, 5/16 SAE
10	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5 CZ
11	5022308	6	BODY CLIP, 5/16-18-7GA MATERIAL
12	5025320X14	2	BOLT, 5/8-11 X 1-3/4 GD8
13	5413574A	1	WELD, DISCHARGE CHUTE, FW25 36RD - BLK
14	5025010X6	4	BOLT, 1/4-20 X 3/4 GD5 CZ
15	5025154	4	WASHER, 1/4 SAE
16	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
17	5025011X8	3	BOLT, 5/16-18 X 1 GD5 CZ
18	5025164	3	WASHER, 5/16 FENDER
19	5404167	1	FLAP, RUBBER, 36RD

Footnotes

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

5901441 (FW25KAV1936RDCE)

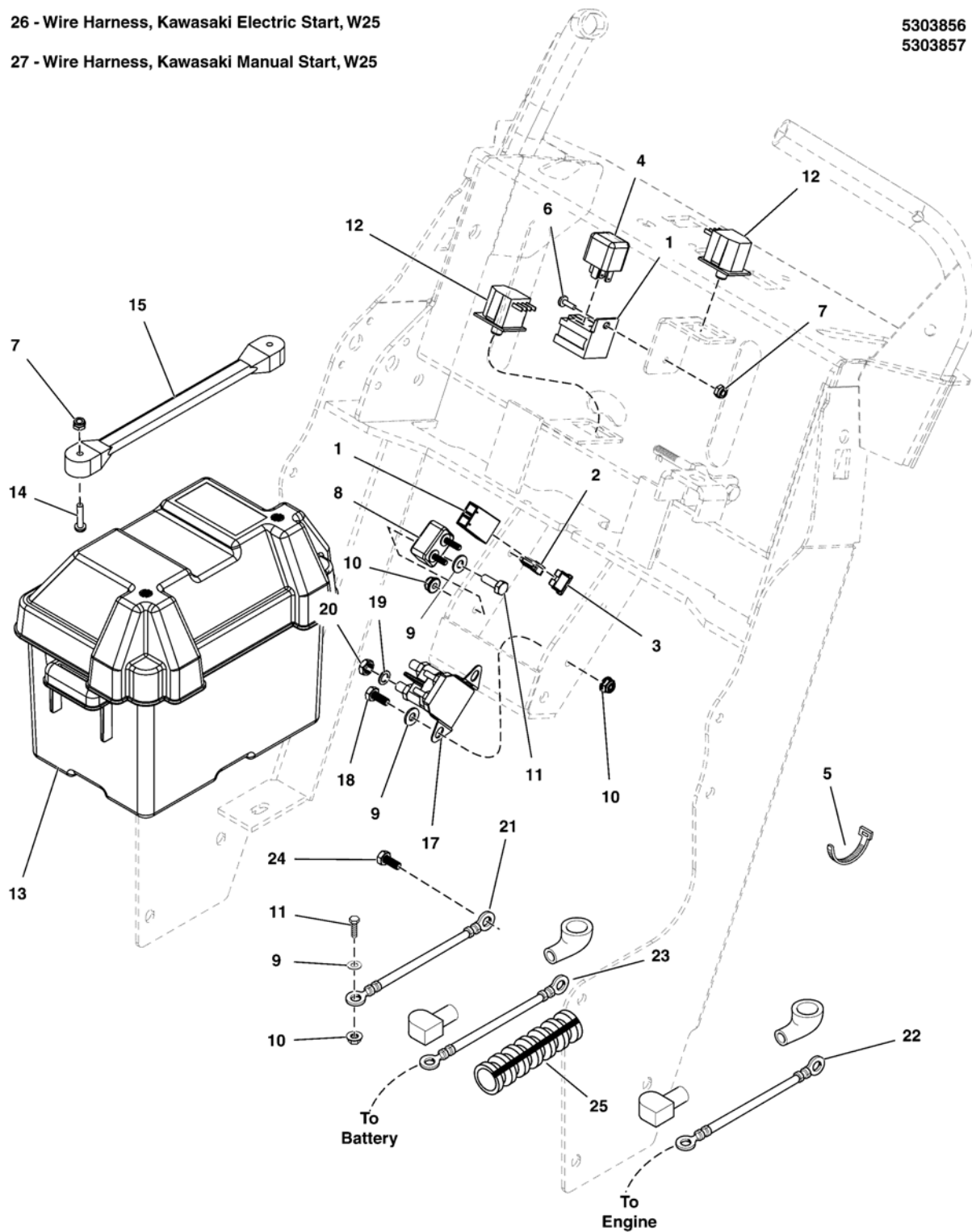
Electrical Group

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

26 - Wire Harness, Kawasaki Electric Start, W25

27 - Wire Harness, Kawasaki Manual Start, W25

5303856
5303857



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

5901428 (FW25CKAV1548)	5901441 (FW25KAV1936RDCE)
5901426 (FW25CKAV1936)	
5901430 (FW25CKAV1948)	
5901425 (FW25KAV1536)	
5901427 (FW25KAV1548)	
5901429 (FW25KAV1948)	

Electrical Group

REF NO	PART NO.	QTY.	DESCRIPTION
1	--	1	SEE WIRE HARNESS PART NUMBER
2	5103761	1	FIR TREE MOUNT, PACKARD
3	5101935	1	FUSE, ATO 15 AMP (SV)
4	5021766	1	RELAY, 12V, 40A
5	5021029	8	TIE, SELF-LOCKING, 12"
6	5025179X4	1	SCREW- #10-24 X 1/2 ROUND PHILLIPS
7	5025271	3	NUT, #10-24 HEX NYLON LOCK (QTY: 1 - MANUAL START MODELS)
8	1665238	1	BREAKER-CIRCUIT 12VOLT 20AMPS W/TAB
9	5025154	5	WASHER, 1/4 SAE (QTY: 1 - MANUAL START MODELS)
10	5025391	3	NUT, 1/4-20 HEX NYLOCK FLANGE (QTY: 1 - MANUAL START MODELS)
11	5025010X6	3	BOLT, 1/4-20 X 3/4 GD5 CZ (QTY: 1 - MANUAL START MODELS)
12	5101280	2	SWITCH, LOW PROF, NC/NO
13	5100688	1	BATTERY BOX, W/ DRAIN HOLE (ELECTRIC START MODELS)
14	5025270	2	SCREW, #10-24 X 1 RS, CZ (ELECTRIC START MODELS)
15	5021670	1	STRAP, RUBBER (ELECTRIC START MODELS)
16	5025126	2	NUT, 1/4-20 HEX SERR. FLANGE (ELECTRIC START MODELS)
17	1724815	1	SOLENOID-4 POLE 12 VOLT DC (TROMBETTA) (ELECTRIC START MODELS)
18	5025010X5	4	BOLT-1/4-20 X 5/8 GD5 CZ (ELECTRIC START MODELS)
19	5023217	2	WASHER, 5/16 LIGHT LOCK (ELECTRIC START MODELS)
20	5023216	2	NUT, 5/16-24 JAM (ELECTRIC START MODELS)
21	5021406	1	BATTERY CABLE, NEG, 22, 1/4-5/16 (ELECTRIC START MODELS)
22	5023488	1	BATTERY CABLE, POS, 22, 1/4-5/16 (ELECTRIC START MODELS)
23	5047136	1	BATTERY CABLE, POS, 15, 1/4-5/16 (ELECTRIC START MODELS)
24	5025249	1	BOLT, M8-1.25 X 20MM GD8.8
25	5050927X10	1	WIRE LOOM, 3/8 ID X 10 IN (ELECTRIC START MODELS)
26	5412954	1	WIRE HARNESS, KAWI ELEC START, SW25 (ELECTRIC START MODELS)
27	5412955	1	WIRE HARNESS, KAWI MANUAL START, SW25 (MANUAL START MODELS)

Footnotes

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

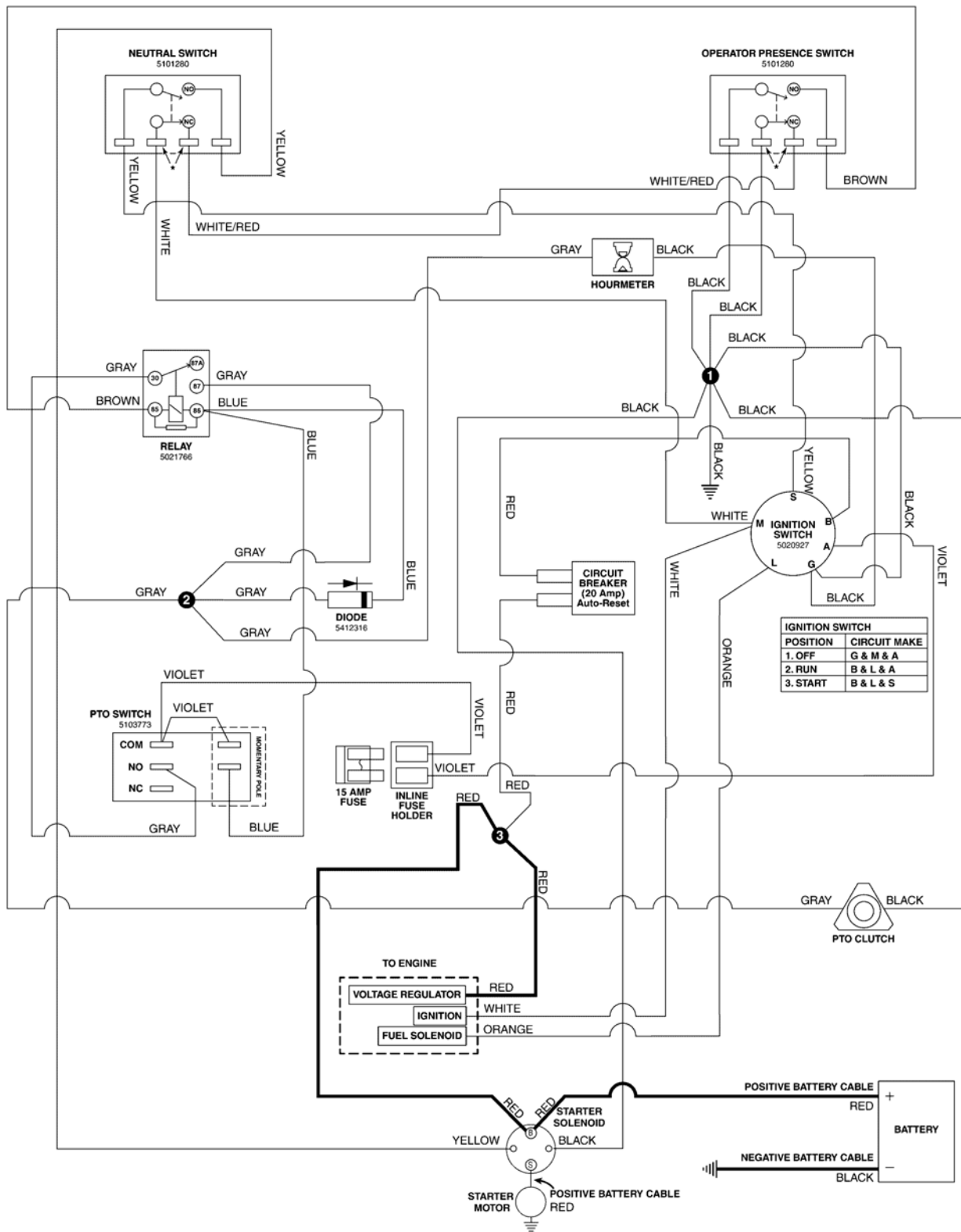
5901428 (FW25CCKAV1548) 5901441 (FW25KAV1936RDCE)
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901425 (FW25KAV1536)
5901427 (FW25KAV1548)
5901429 (FW25KAV1948)

Electrical Schematic - Charging Circuit Electric Start

Main Wire Harness (Electric Start)
5412954

*This switch uses a "shorting" connector. When the connector is unplugged, the terminals going to the identified pole will have continuity.

5412954C



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

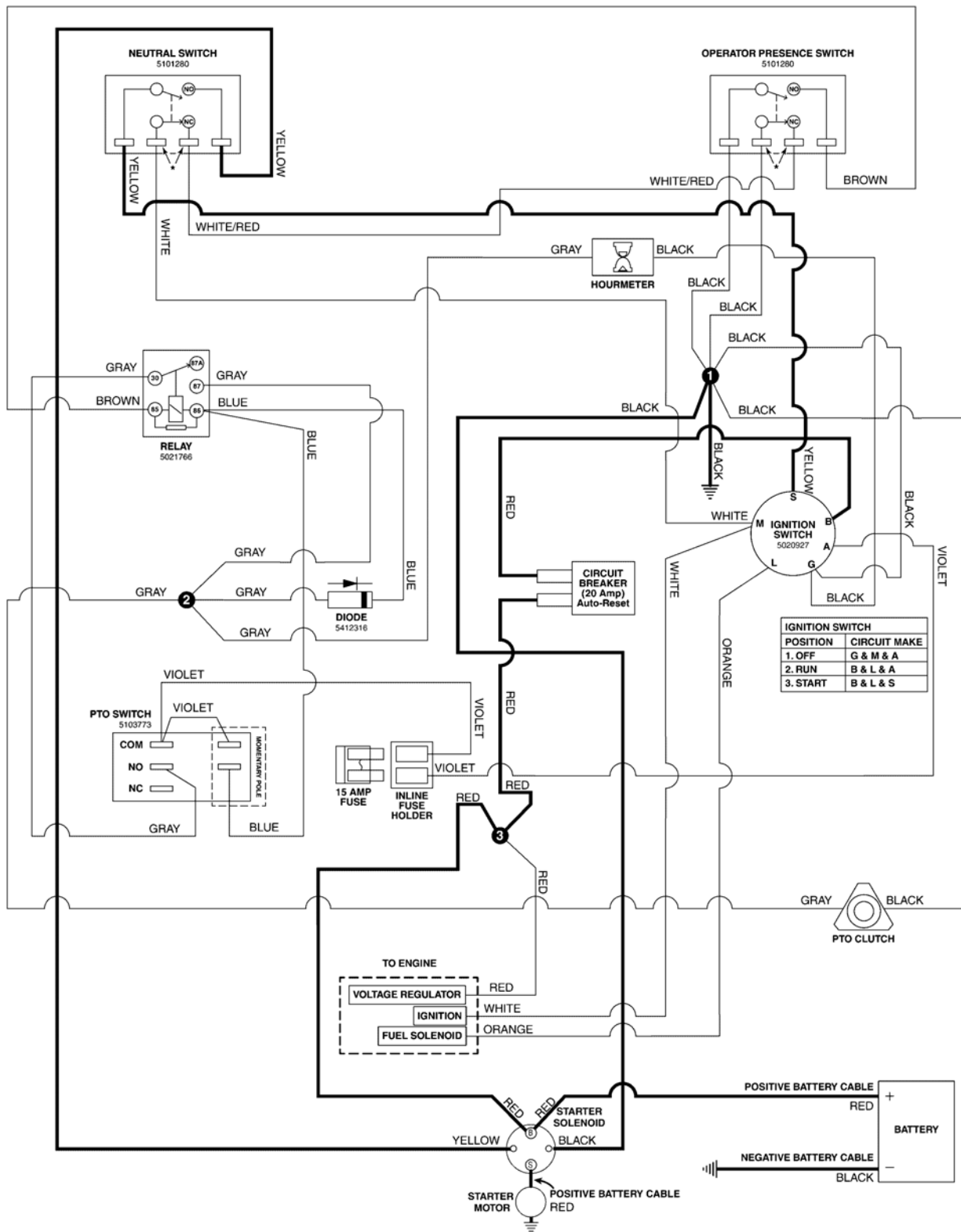
5901426 (FW25CCKAV1936)
5901430 (FW25CCKAV1948)
5901429 (FW25KAV1948)
5901441 (FW25KAV1936RDCE)

Electrical Schematic - Cranking Circuit Electric Start

Main Wire Harness (Electric Start)
5412954

*This switch uses a "shorting" connector. When the connector is unplugged, the terminals going to the identified pole will have continuity.

5412954R

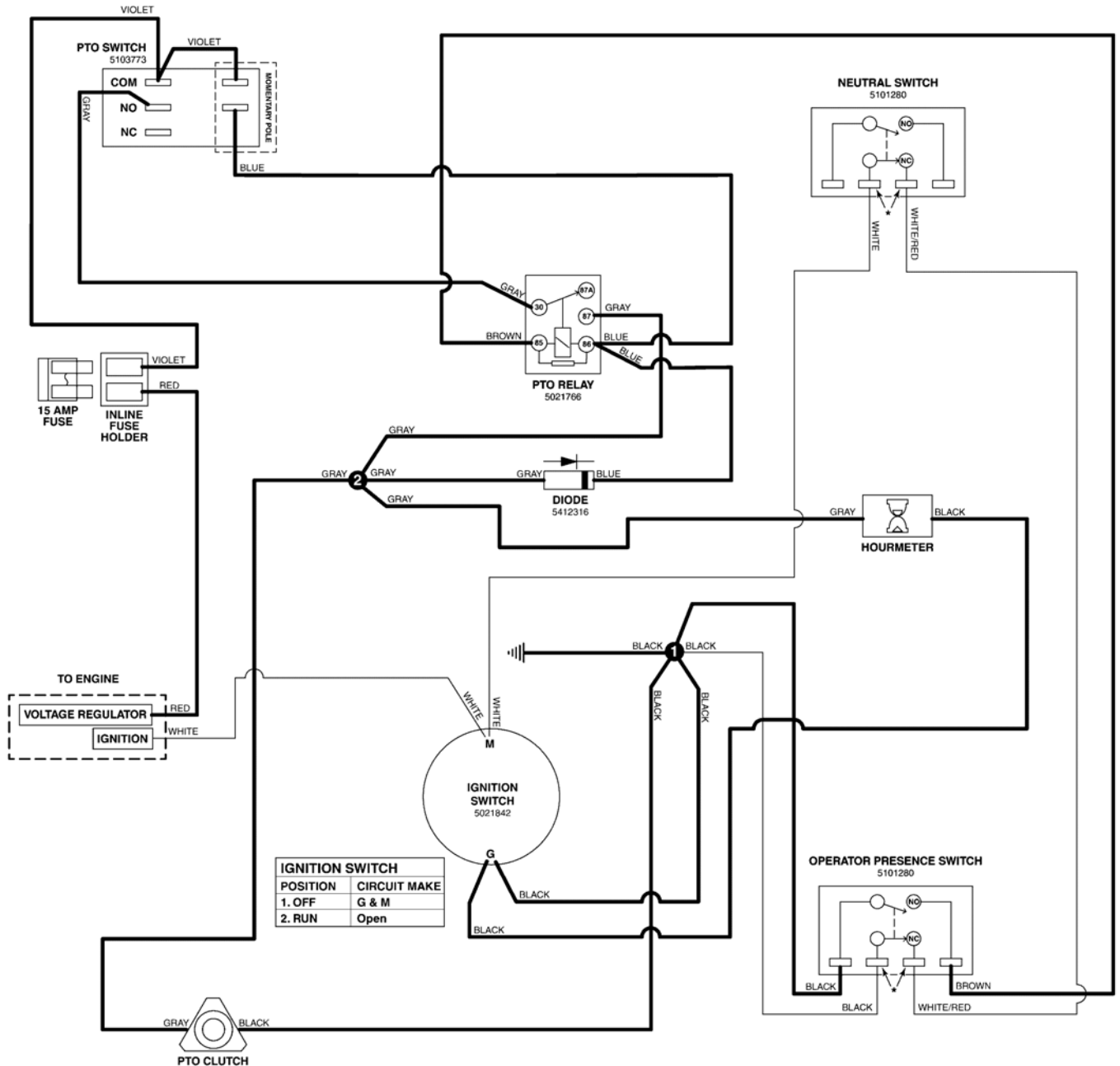


The above parts group applies to the following Mfg. Nos.:

- 5901426 (FW25CCAV1936)
- 5901430 (FW25CCAV1948)
- 5901429 (FW25KAV1948)
- 5901441 (FW25KAV1936RDCE)

Main Wire Harness (Manual Start)
5412955

*This switch uses a "shorting" connector. When the connector is unplugged, the terminals going to the identified pole will have continuity.



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

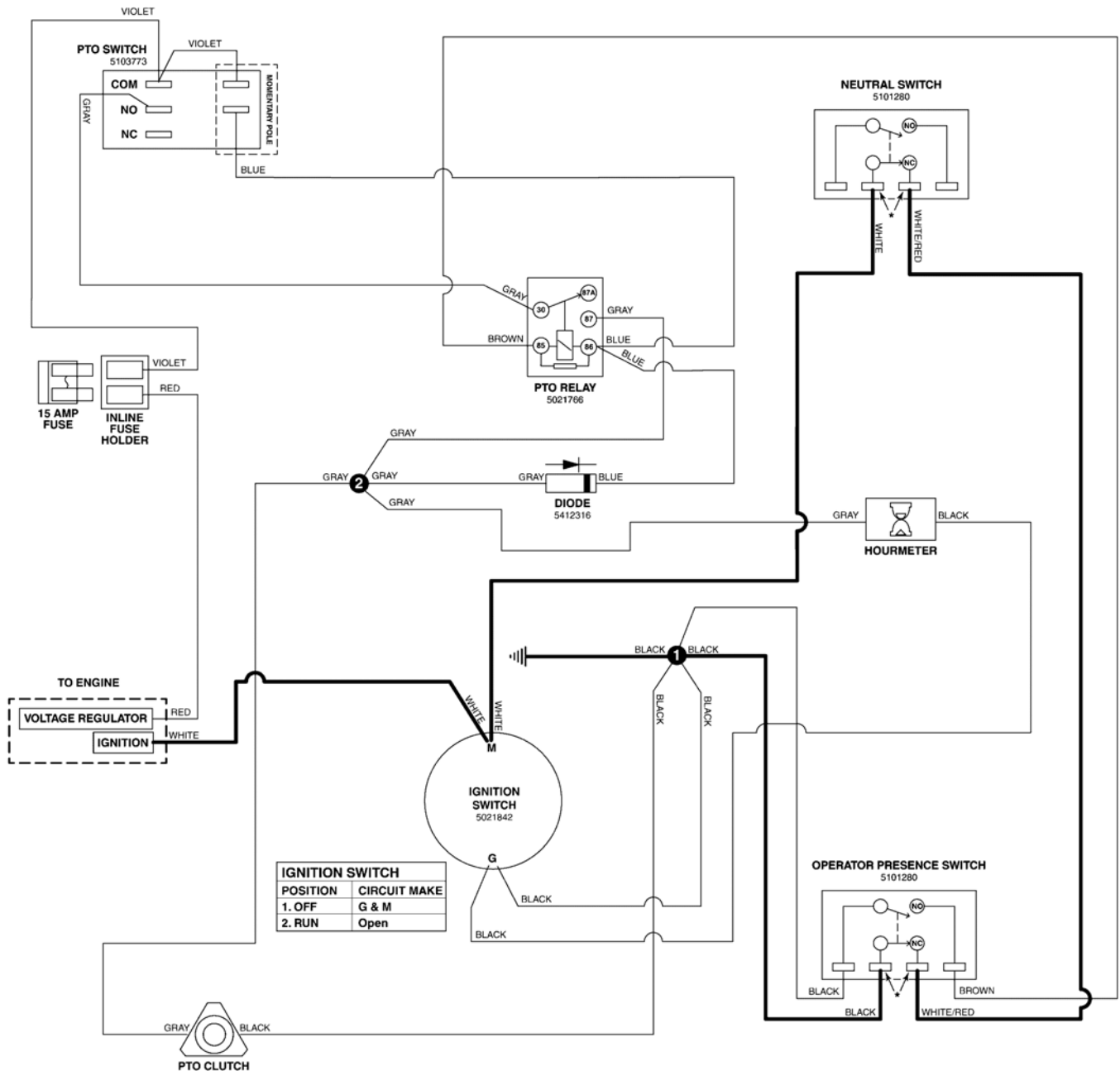
5901428 (FW25CCKAV1548)

5901425 (FW25KAV1536)

5901427 (FW25KAV1548)

Main Wire Harness (Manual Start) 5412955

*This switch uses a "shorting" connector. When the connector is unplugged, the terminals going to the identified pole will have continuity.



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

5901428 (FW25CCAV1548)

5901425 (FW25KAV1536)

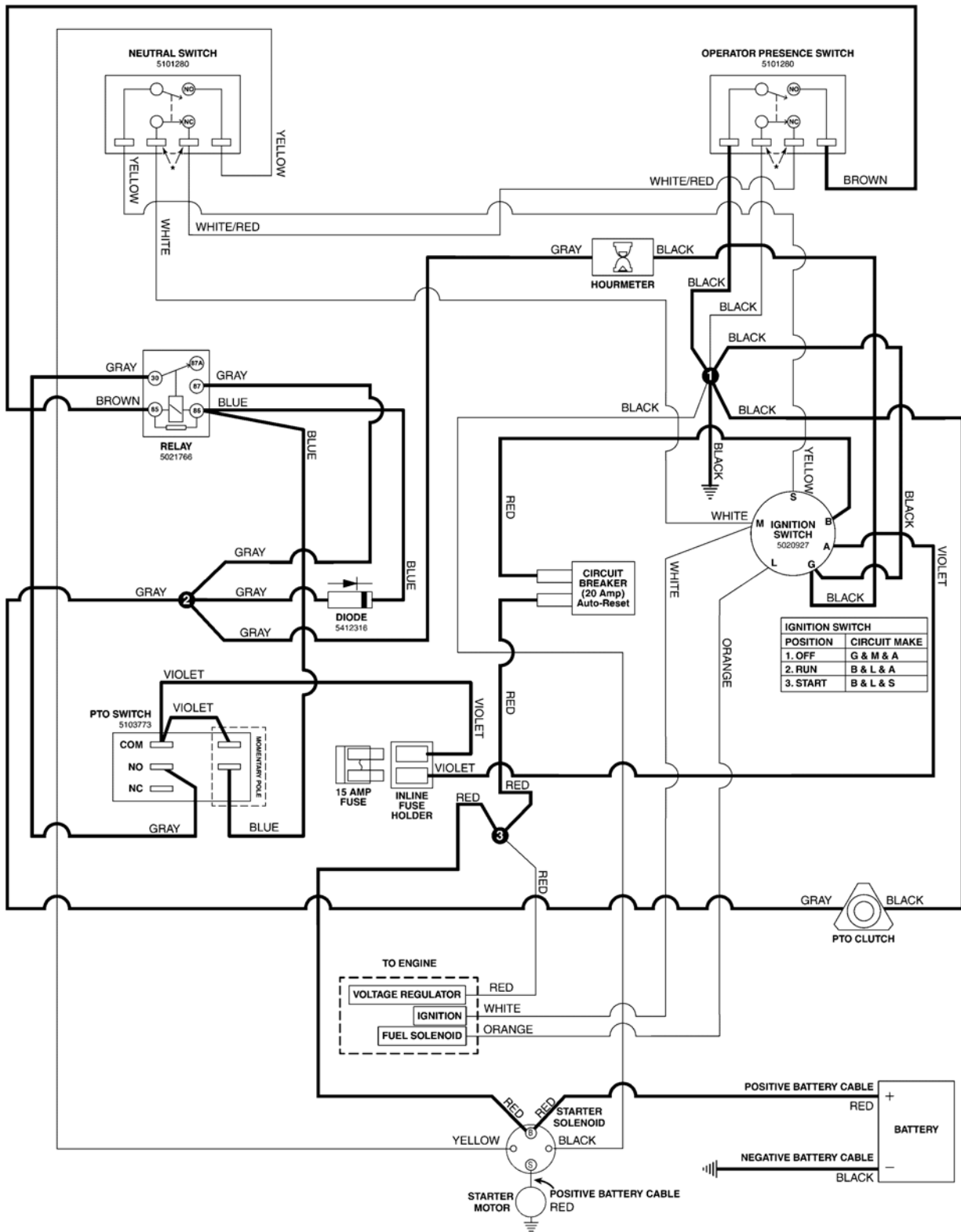
5901427 (FW25KAV1548)

Electrical Schematic - PTO Op. Pres. Circuit Electric Start

Main Wire Harness (Electric Start)
5412954

*This switch uses a "shorting" connector. When the connector is unplugged, the terminals going to the identified pole will have continuity.

5412954P



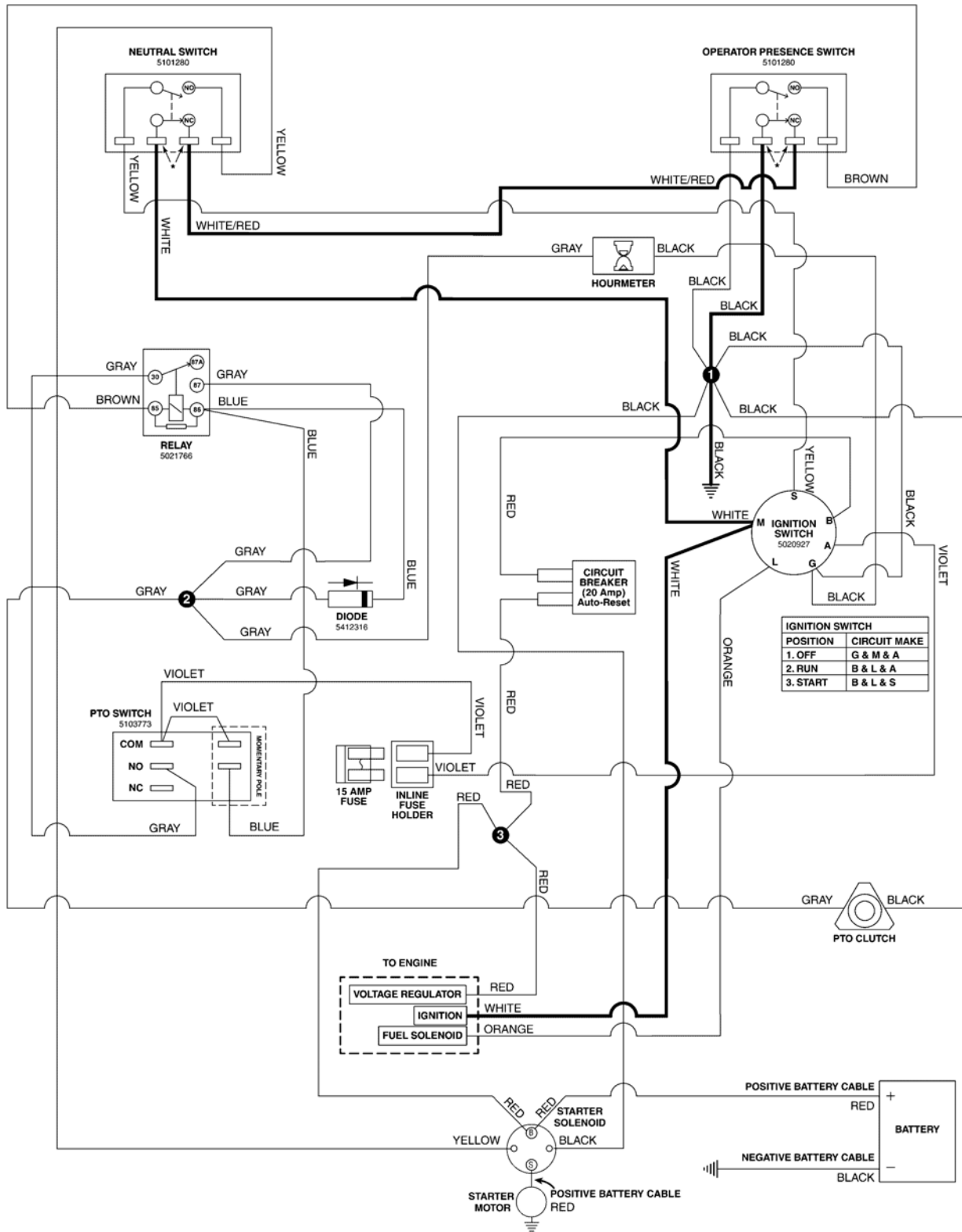
The above parts group applies to the following Mfg. Nos.:

- 5901426 (FW25CCKAV1936)
- 5901430 (FW25CCKAV1948)
- 5901429 (FW25KAV1948)
- 5901441 (FW25KAV1936RDCE)

Electrical Schematic - Engine Op. Pres. Circuit Electric Start

Main Wire Harness (Electric Start)
5412954

Catalog Data\ERS\Images\01\5104557\54129540P
This switch uses a shorting connector. When the connector is unplugged, the terminals going to the identified pole will have continuity.



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

- 5901426 (FW25CCKAV1936)
- 5901430 (FW25CCKAV1948)
- 5901429 (FW25KAV1948)
- 5901441 (FW25KAV1936RDCE)

Notes

Not for
Reproduction

Notes

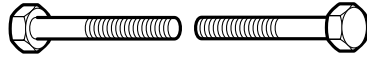
Not for
Reproduction

Not for
Reproduction

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Lockwasher



Hex Nut

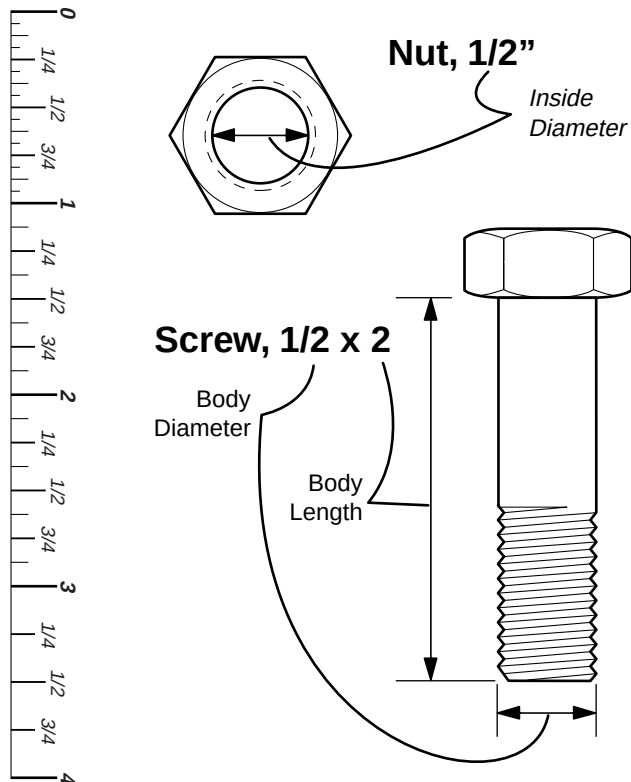


Standard Hardware Sizing

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

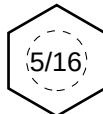
NOTES

- 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.

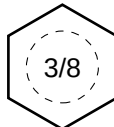
Wrench & Fastener Size Guide



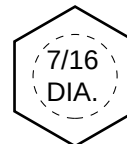
1/4" Bolt or Nut
Wrench—7/16"



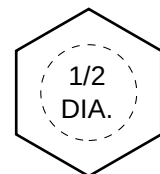
5/16" Bolt or Nut
Wrench—1/2"



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 FW25 Series

Walk Behind Mower

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