

**RYOBI
40 VOLT LAWN MOWER
MODEL NO. RY40100
REPAIR SHEET**

RYOBI RY40100 40 VOLT LAWN MOWER

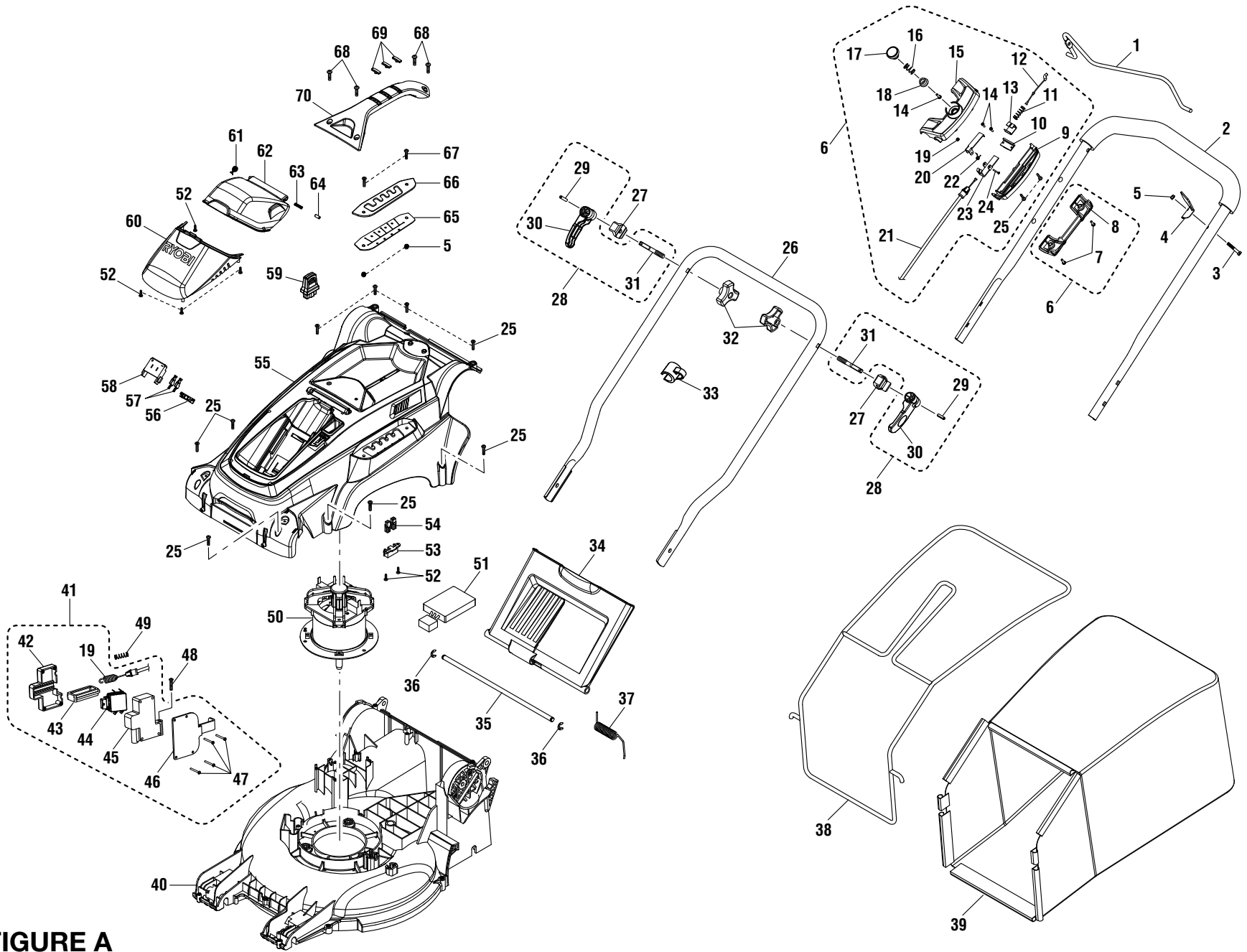


FIGURE A

RYOBI RY40100 40 VOLT LAWN MOWER

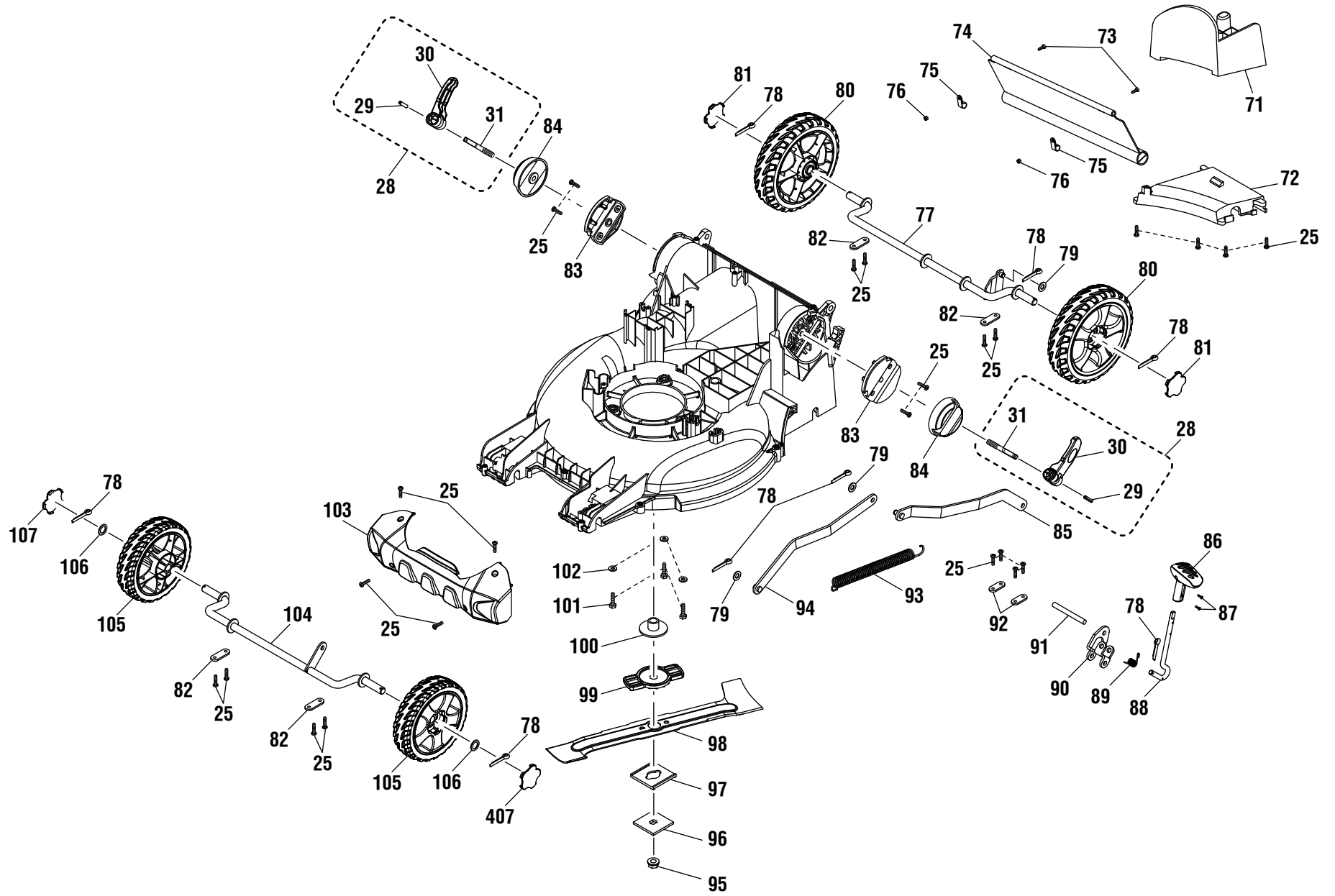


FIGURE A

RYOBI RY40100 40 VOLT LAWN MOWER

The model number will be found on a label attached to the deck. Always mention the model number in all correspondence regarding your **LAWN MOWER** or when ordering replacement parts.

FIGURE A PARTS LIST

Key Part No.	Part Number	Description	Qty.	Key Part No.	Part Number	Description	Qty.
1	33305469G	Bail Handle (Power Lever).....	1	29	32901466G	Spring Pin (5 x 26 mm)	4
2	31101470G	Upper Handle Assembly.....	1	30	34102466G	Lock Handle.....	4
3	32208250G	Bolt (M5 x 30 mm, Pan Hd.)	1	31	33201466G	Bolt (M8 x 70 mm)	4
4	33323250G	Stop Block	1	32	3410835G	Knob	2
5	3220439G	Lock Nut (M5)	3	33	3411135G	Cable Retainer	1
6	31107250G	Motor/Blade Control Assembly	1	34	34102470G	Rear Discharge Door	1
7	3220346G	Screw (M4.2 x 20 mm, Pan Hd.).....	2	35	33202470G	Rear Door Axle.....	1
8	34119469G	Lower Cover (Upper Handle)	1	36	3290506G	Retaining Ring (E)	2
9	34120469G	Lower Cover (Starter Cables)	1	37	33903470G	Torsion Spring (Rear Door)	1
10	34118250G	Block.....	1	38	33311470G	Bag Frame	1
11	33318250G	Compression Spring.....	1	39	34901470G	Bag	1
12	31901250G	Starter Cable (Short)	1	40	34101470G	Deck.....	1
13	33319250G	Slide (Short Cable).....	1	41	31106250G	Switch Box Assembly	1
14	3220735G	Screw (M3 x 8 mm, Pan Hd.).....	3	42	34134250G	Switch Upper Cover	1
15	34121469G	Upper Cover (Control Assembly).....	1	43	34114250G	Switch Actuator	1
16	33401229G	Button Return Spring.....	1	44	36301470G	Switch	1
17	34122469G	Start Button	1	45	34113250G	Switch Lower Cover	1
18	34132250G	Lower Button	1	46	33325250G	Mounting Bracket	1
19	32904250G	Hex Nut (M3).....	1	47	32205404G	Screw (M4.2 x 35 mm, Pan Hd.).....	4
20	33315250G	Spring Plate	1	48	32201154G	Screw (M4.2 x 45 mm, Pan Hd.).....	1
21	31902250G	Starter Cable (Long).....	1	49	33332250G	Return Spring.....	1
22	33316250G	Torsion Spring	1	50	36101470G	Motor	1
23	33317250G	Slide (Long Cable).....	1	51	36201470G	Soft Start Circuit Board	1
24	32204250G	Screw (M3 x 20 mm, Pan Hd.).....	1	52	32202301AG	Screw (M2.9 x 10 mm).....	6
25	32204113G	Screw (M3.5 x 20 mm, Pan Hd.).....	33	53	34107470G	Key Holder	1
26	33309470G	Lower Handle.....	1	54	36511470G	Key Receptacle.....	2
27	34103466G	Pressure Block.....	2	55	34108470G	Deck Cover	1
28	31102467G	Handle Lock Assembly	4	56	34115470G	Press Cover (Battery Connect)	1

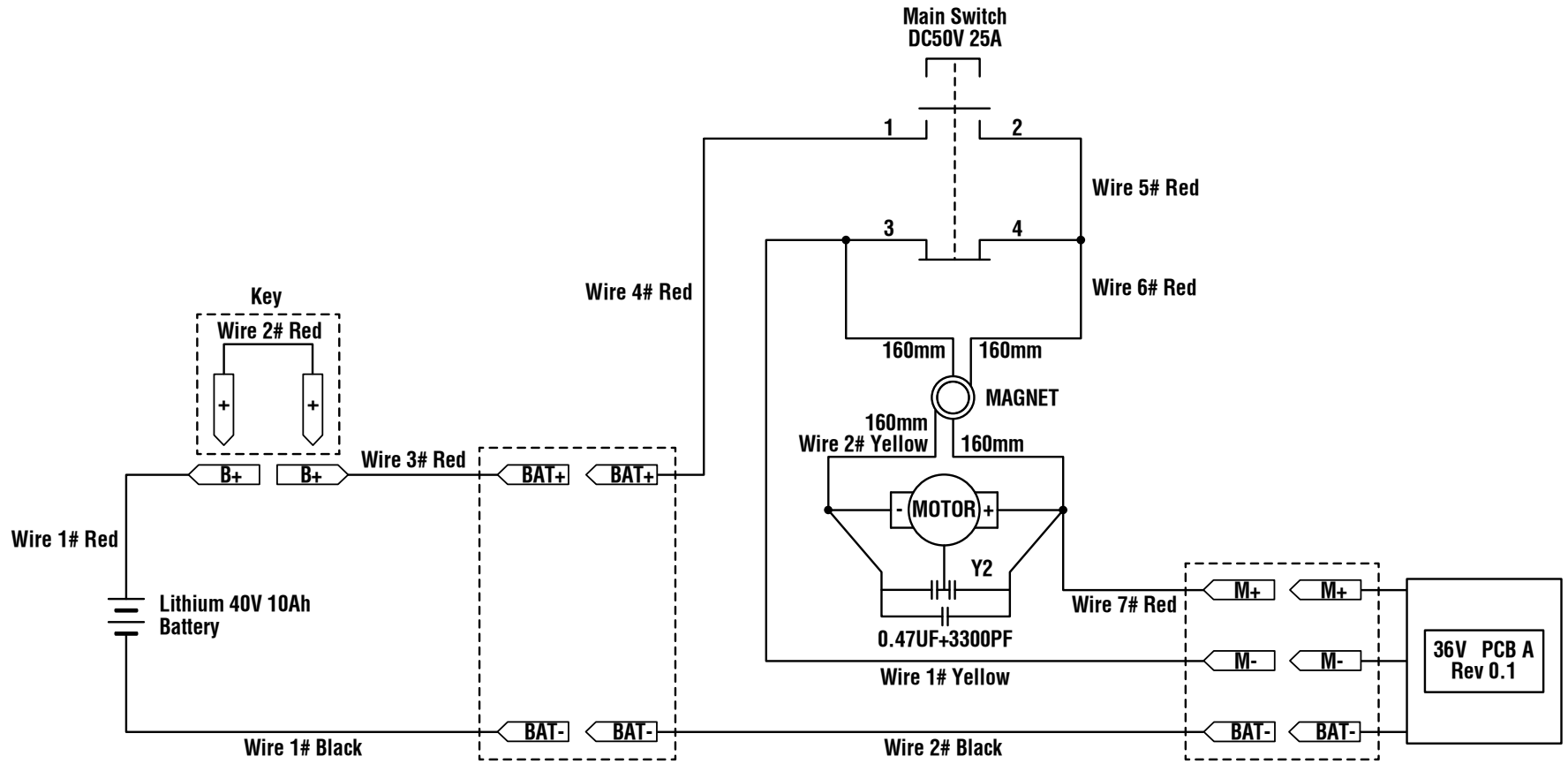
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FIGURE A PARTS LIST

Key Part No. Number	Description	Qty.	Key Part No. Number	Description	Qty.		
57	33314470G	Plate (Battery Connect).....	2	84	34105470G	Pressure Block (Lock Handle).....	2
58	34114470G	Base (Battery Connect).....	1	85	33304470G	Rear Lift Rod.....	1
59	31201470G	Fuse Key.....	1	86	34109470G	Height Adjustment Handle.....	1
60	34111470G	Battery Cover.....	1	87	32201470G	Screw (M3 x 10 mm, Flat Hd.).....	2
61	33905470G	Torsion Spring (Battery Door).....	1	88	33313470G	Height Adjustment Lever.....	1
62	34110470G	Battery Door.....	1	89	33901470G	Torsion Spring (Height Adjustment).....	1
63	33904470G	Pressure Spring.....	1	90	33305470G	Height Adjustment Bracket.....	1
64	33203470G	Battery Door Axle.....	1	91	33201470G	Axle (Height Adjustment).....	1
65	34202470G	Dust Gasket.....	1	92	33306470G	Pressure Plate (Height Adjustment).....	2
66	33312470G	Height Adjustment Plate.....	1	93	33902470G	Retention Spring.....	1
67	3220206G	Screw (M5 x 16 mm, Pan Hd.).....	2	94	33303470G	Front Lift Rod.....	1
68	3220245G	Screw (M5 x 20 mm, Pan Hd.).....	4	95	3221037G	Blade Nut (M10 x 1.25, Hex Hd.).....	1
69	34116470G	Handle Overlay.....	3	96	3331435G	Blade Retainer.....	1
70	34112470G	Carrying Handle.....	1	97	3410535G	Spacer.....	1
71	34104470G	Mulching Plug.....	1	98	33307468G	Blade.....	1
72	34103470G	Rear Cover.....	1	99	34117470G	Blade Holder.....	1
73	3220131G	Screw (M4 x 20 mm, Pan Hd.).....	2	100	3320238G	Motor Shaft Bushing.....	1
74	3330490AG	Mounting Bracket.....	2	101	3220135G	Bolt (M6 x 25 mm, Hex Hd.).....	3
75	3221237G	Lock Nut (M4).....	2	102	3330226G	Washer (6 x 18 x 1.3t).....	3
76	34201470G	Rear Skirt.....	1	103	34113470G	Bumper.....	1
77	33302470G	Rear Wheel Axle.....	1	104	33301470G	Front Wheel Axle.....	1
78	3290135G	Cotter Pin (2.5).....	8	105	31102470G	Front Wheel (6 in.).....	2
79	3290413G	Washer (8 mm).....	3	106	3331638G	Washer (13.5 x 20 x 1.5t).....	2
80	31103470G	Rear Wheel (7 in.).....	2	107	3411799G	Front Wheel Cover (6 in.).....	2
81	34108229G	Rear Wheel Cover (7 in.).....	2	NOT SHOWN:			
82	33307470G	Axle Pressure Plate.....	4	988000870	Operator's Manual		
83	34106470G	Base (Lock Handle).....	2	12-5-12			
				(Rev:02)			

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Wire #	Wire Color	Size AWG	Wire Length mm	Wire #	Wire Color	Size AWG	Wire Length mm	Wire #	Wire Color	Size AWG	Wire Length mm
1	Red	14	220	1	Black	14	200	1	Yellow	14	130
2	Red	14	50	2	Black	14	150	2	Yellow	14	800
3	Red	14	130								
4	Red	14	180								
5	Red	14	50								
6	Red	14	800								
7	Red	14	100								

WIRING DIAGRAM