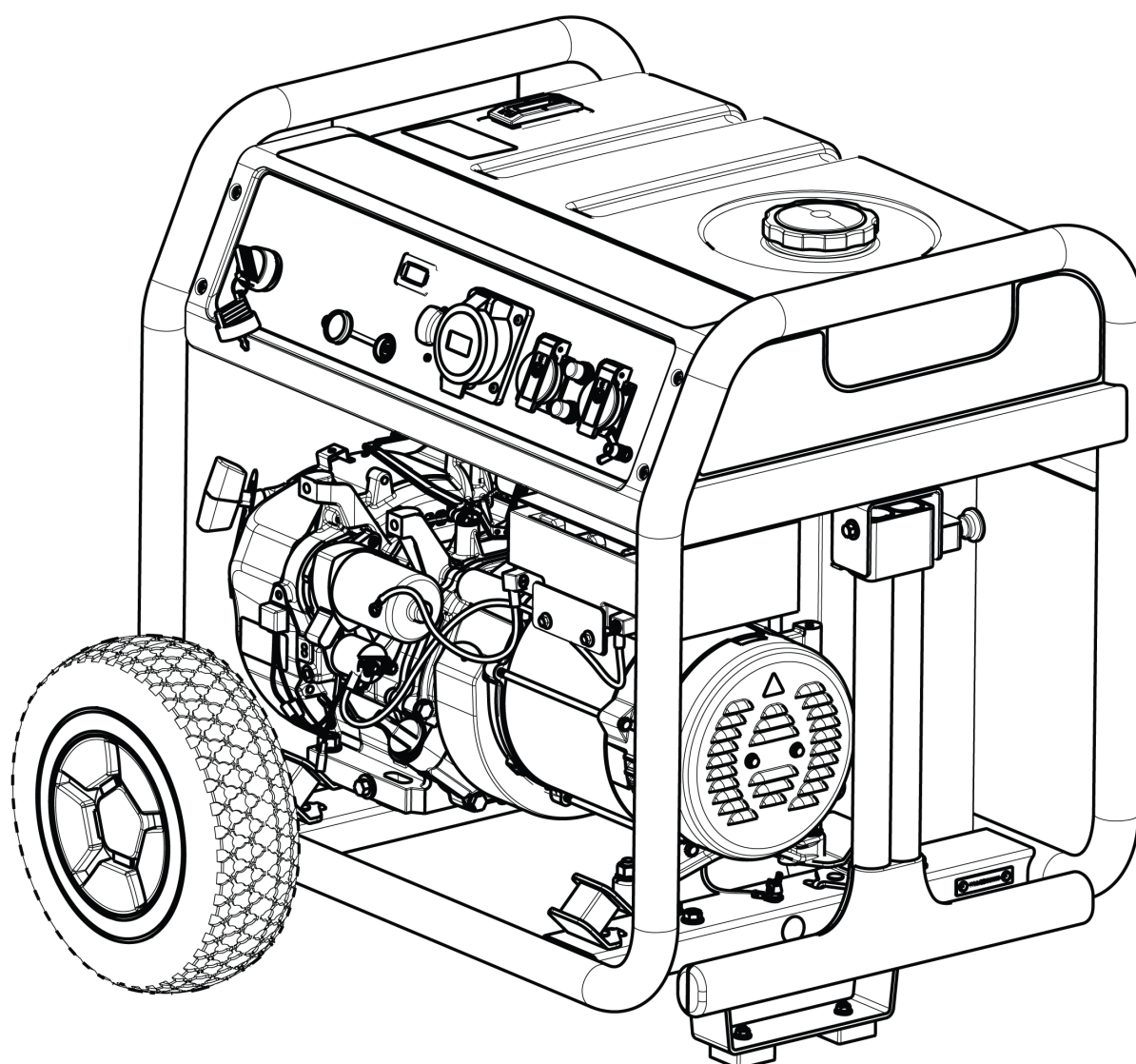




Parts Manual

Mfg. No: 030722-01
6,900 Watt Briggs & Stratton Elite (Aus)



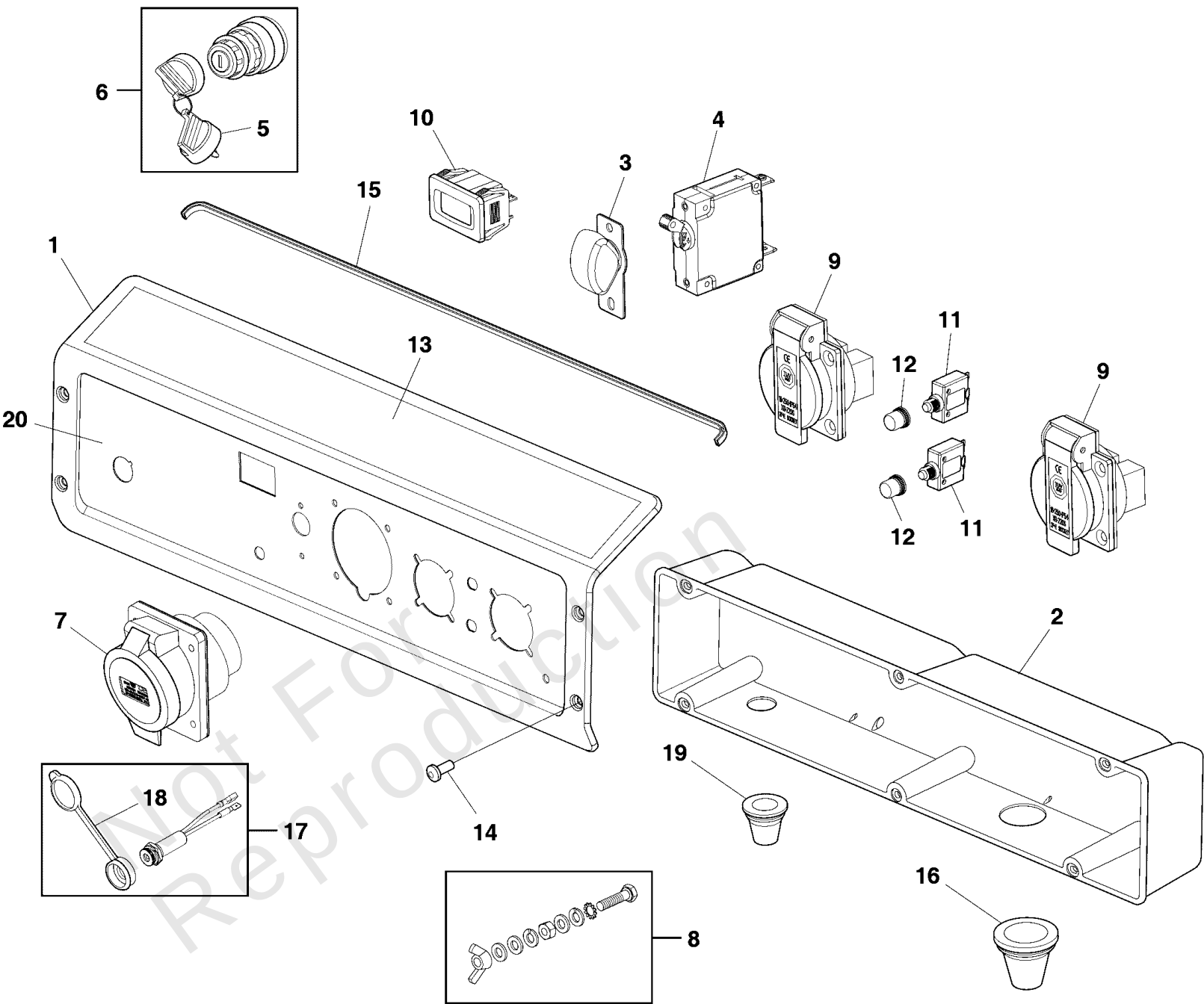
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Control Panel (80028422)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030722-01



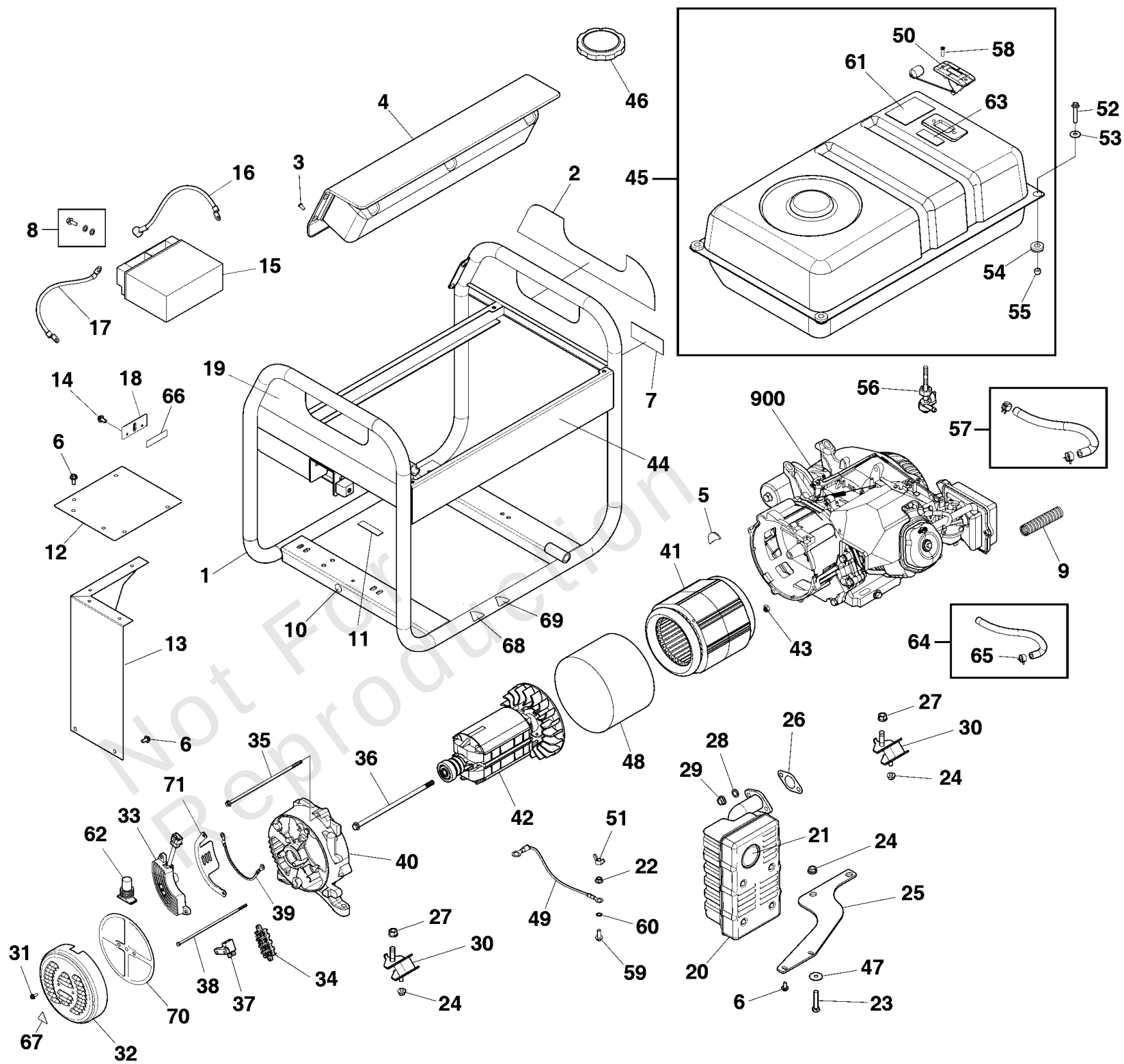
Control Panel (80028422)

REF NO	PART NO	QTY	DESCRIPTION
1	771874		PANEL-CONTROL
2	319458GS		BOX-CONTROL PANEL
3	709716		BOOT-SWITCH
4	771878		BREAKER-CIRCUIT
5	705436		KEY
6	318307GS		KEY-SWITCH IGNITION
7	771877		OUTLET
8	700302		KIT-GROUND WIRE
9	104849GS		SOCKET, EU
10	198245GS		METER, Hour Digital
11	771875		BREAKER-CIRCUIT
12	312636GS		BOOT, Circuit Breaker
13	700296		DECAL
14	703804		SCREW
15	319459GS		TRIM-EDGE
16	319529GS		GROMMET
17	704656		SOCKET-CHARGER
18	312687GS		BOOT-RUBBER JACK
19	319530GS		GROMMET
20	771876		DECAL

Main Unit (80028421)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030722-01



Main Unit (80028421)

REF NO	PART NO	QTY	DESCRIPTION
1	771867		CRADLE -(Includes items 7, 10, 68 & 69)
2	771871		DECAL
3	703804		SCREW
4	771872		PANEL-CONTROL
5	706376		COVER-RUBBER
6	706152		SCREW, M6 x 12
7	704330		DECAL
8	315546GS		KIT, Hardware, Battery Terminal
9	706534		BELLOWS
10	704331		DECAL
11	706535		PAD-RUBBER
12	312020GS		HEATSHIELD
13	312019GS		HEATSHIELD
14	209775GS		BOLT
15	316435GS		BATTERY
16	312014GS		CABLE-BATTERY, RED
17	312026GS		CABLE-BATTERY, BLACK
18	311983GS		PLATE-BATTERY
19	771869		DECAL
20	192569GS		MUFFLER
21	83083GS		SCREEN, Spark Arrest
22	52857GS		NUT-M6 FLANGE
23	57821GS		CAPSCREW, Hex Head, M8-1.25 x 40
24	67989GS		NUT, M8 Flange Serrated
25	319457GS		BRACKET, Muffler
26	813085GS		GASKET
27	52859GS		NUT, Lock
28	22237GS		WASHER, Locking, 3/8
29	45771GS		NUT, M8 - 1.25
30	319451GS		MOUNT-VIBRATION
31	700308		SCREW
32	312870GS		COVER, Rear Bearing
33	312871GS		REGULATOR-VOLTAGE
34	312921GS		BLOCK, Junction
35	703909		BOLT
36	703910		BOLT
37	312904GS		BRUSH ASSEMBLY
38	703908		BOLT
39	706150		WIRE
40	312866GS		SUPPORT, Bearing
41	700307		STATOR
42	700336		ROTOR
43	312916GS		NUT
44	771868		DECAL
45	771870		TANK-FUEL
46	704655		CAP-FUEL
47	B2495GS		WSHR, 25.4 X 8.45 X 1.4

Footnotes:

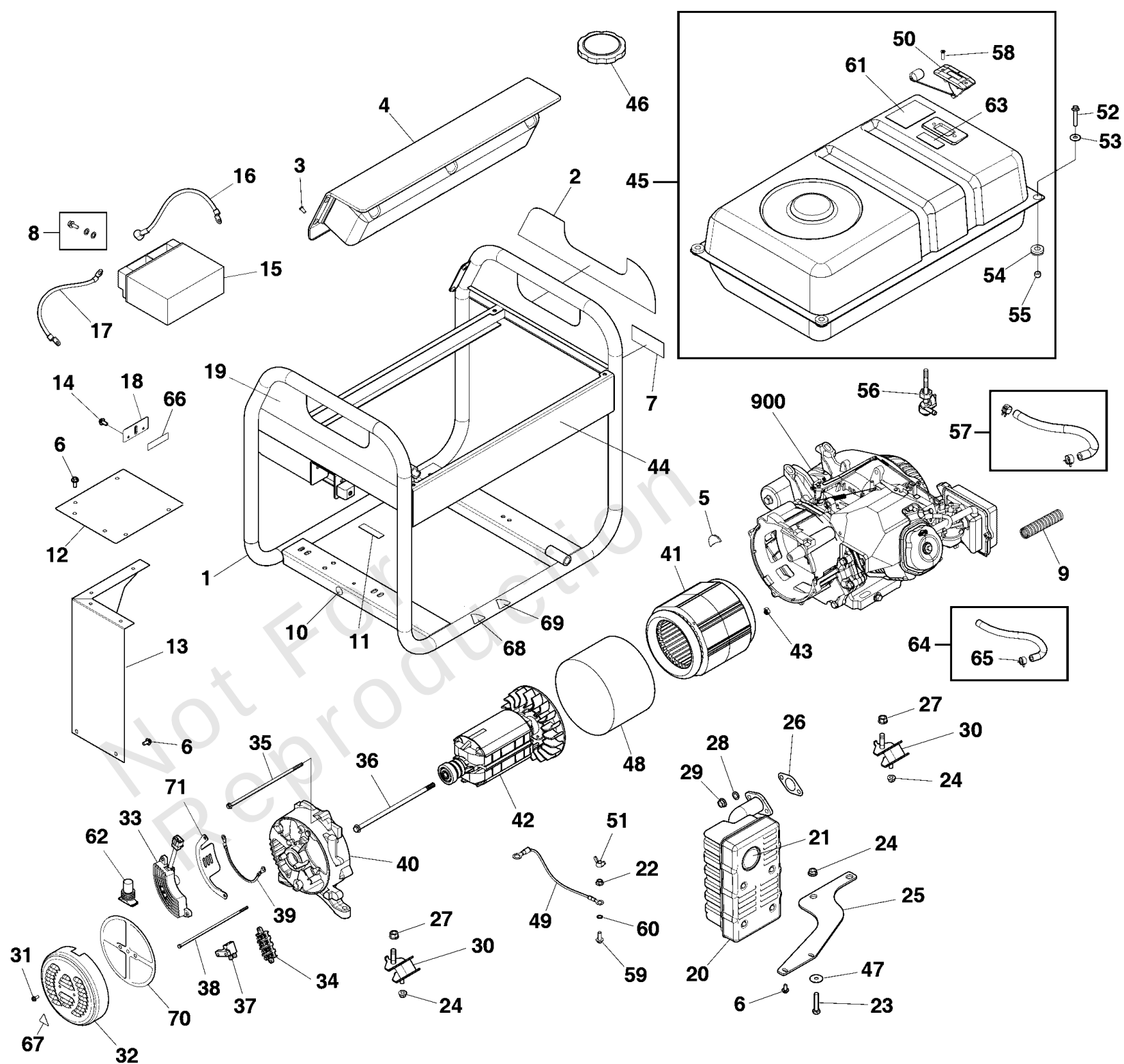
(Parts Not Illustrated)

(Note:* Verify your specific engine model, reference the ID Tag located on your engine.) (Refer to your local Briggs & Stratton distributor for parts and service.)

Main Unit (80028421)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030722-01



Main Unit (80028421)

REF NO	PART NO	QTY	DESCRIPTION
48	703911		BAND-STATOR
49	706165		WIRE
50	704183		GAUGE-FUEL
51	87680GS		NUT, M6 - 1.0 Wing
52	703805		SCREW
53	312005GS		WASHER
54	189134GS		GROMMET, Rubber
55	189137GS		SPACER
56	209417GS		VALVE, Fuel
57	791745		FUEL LINE, 16
58	314440GS		SCREW
59	706166		SCREW
60	26850GS		WASHER, Ext. M6 - 1/4" Shakeproof
61	708083		DECAL
62	207879GS		BOOT, Rubber
63	703264		DECAL
64	315017GS		HOSE, Vapor (cut to fit)
65	314955GS		CLAMP
66	706377		PAD-RUBBER
67	315636GS		DECAL
68	315634GS		DECAL
69	315635GS		DECAL
70	706398		GUARD-SCREEN
71	706397		SHIELD
900	25T235-0322-H1		*ENGINE
--	316742GS		FUSE
--	705927		CHARGER, 120VAC, 12VDC Output, .75A, 2.5mm Round Plug

Footnotes:

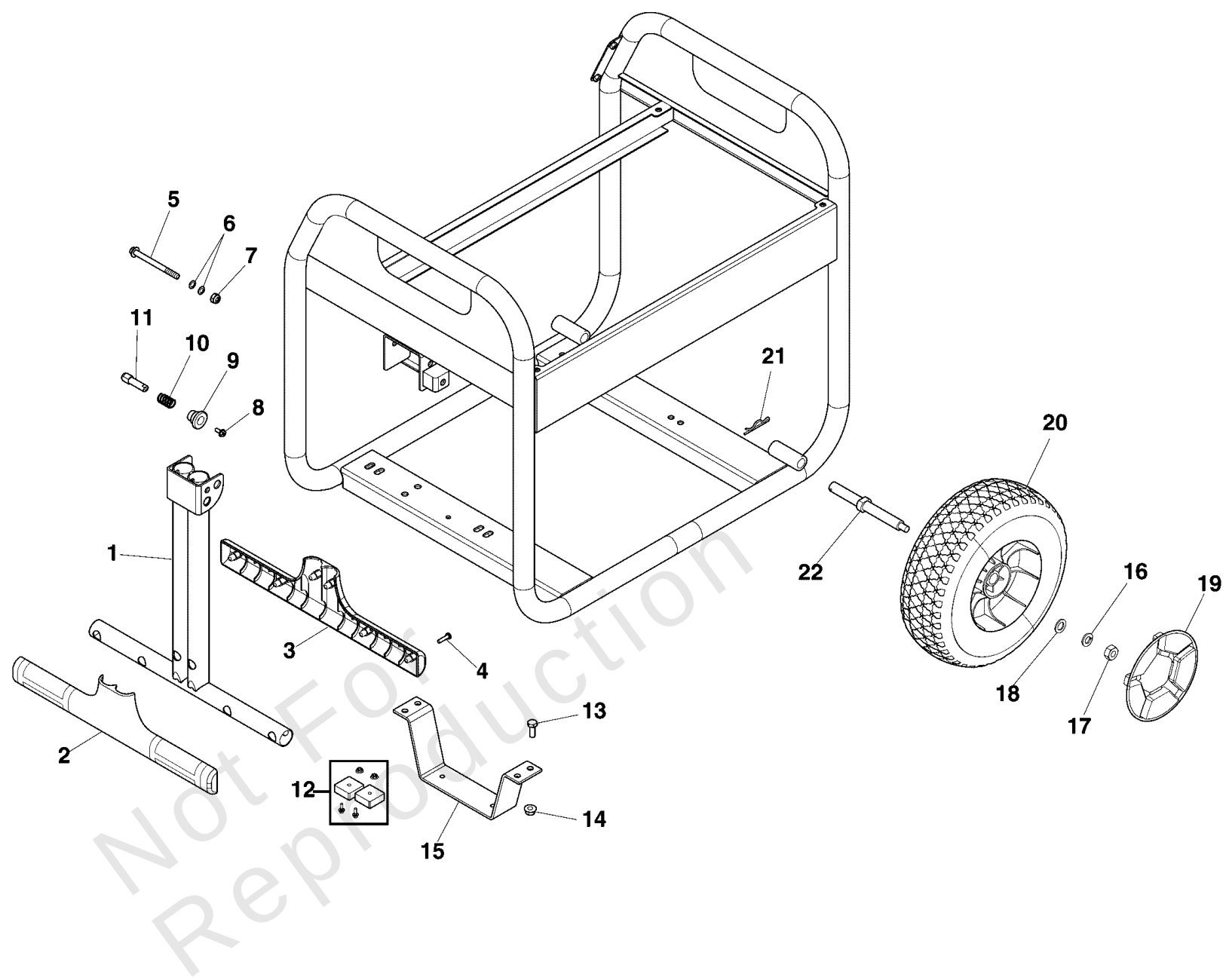
(Parts Not Illustrated)

(Note:* Verify your specific engine model, reference the ID Tag located on your engine.) (Refer to your local Briggs & Stratton distributor for parts and service.)

Wheel Kit

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030722-01



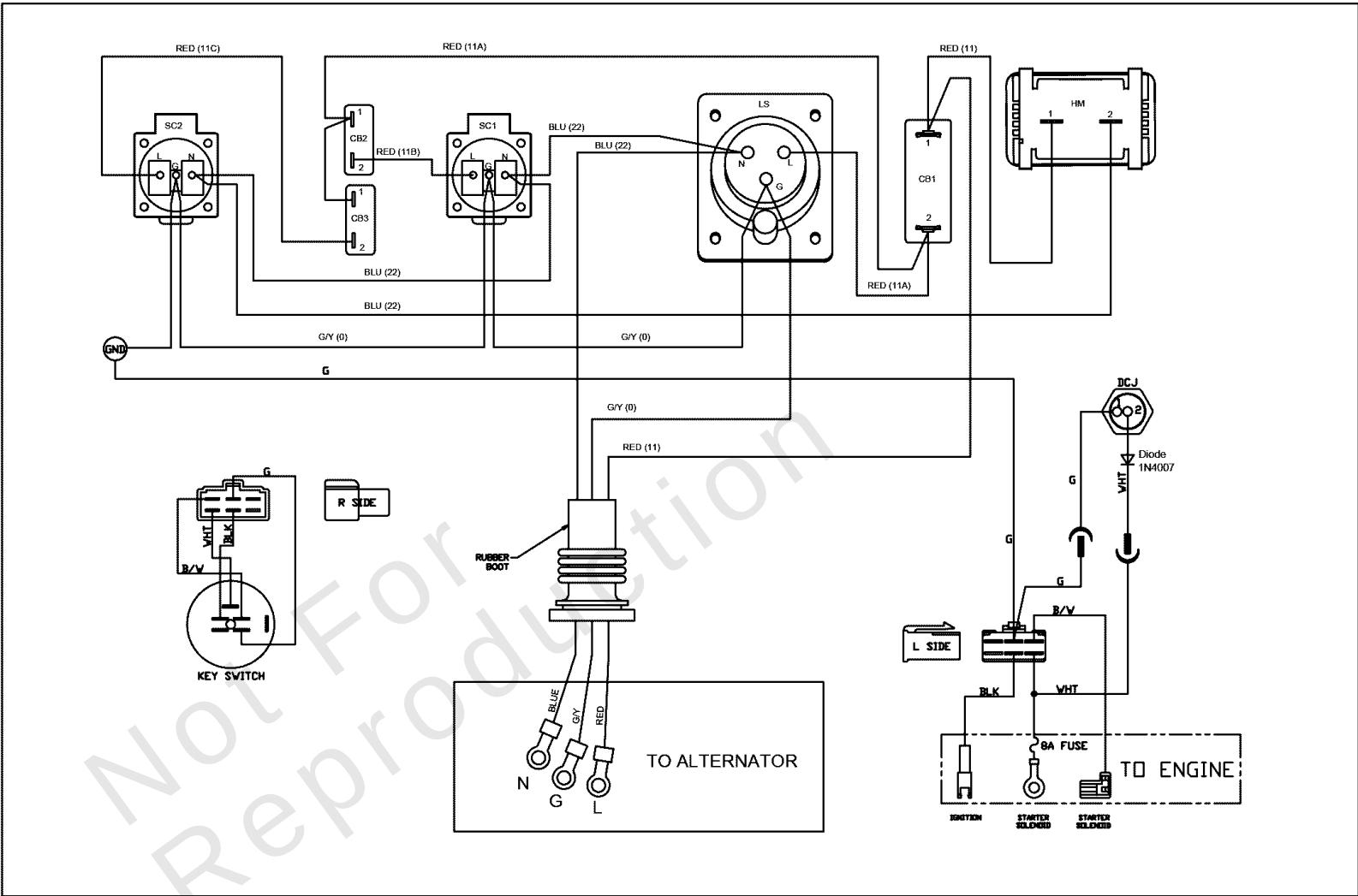
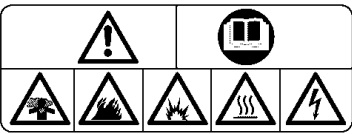
Wheel Kit

REF NO	PART NO	QTY	DESCRIPTION
1	319396GS	1	HANDLE
2	311998GS	1	GRIP-HANDLE
3	312000GS	1	GRIP-HANDLE
4	75477GS	4	PPHMS, M5 - 0.8 x 20
5	318677GS	1	BOLT
6	96716	2	Nylon Step Washer
7	49820GS	1	NUT, Nylok, M8 - 1.25
8	207825GS	1	BOLT-M5-6 x 16
9	319453GS	1	KNOB
10	319452GS	1	SPRING
11	319454GS	1	PIN
12	319285GS	1	MOUNT-VIBRATION
13	67989	4	NUT, M8 Flange Locking Hex M8 - 1.25 Serrated
14	84001684	4	BOLT
15	707688	1	SUPPORT-LEG
16	46526GS	2	WSHR, M10, LOCK
17	45772GS	2	NUT, M10-1.5
18	94856GS	2	WASHER-M10 FLAT
19	312022GS	2	HUBCAP
20	312021GS	2	WHEEL
21	316510GS	2	PIN-HAIR
22	312023GS	2	AXLE

Wiring Diagram (80028420WD)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030722-01



BLU	BLUE	蓝色
RED	RED	红色
BLK	BLACK	黑色
WHT	WHITE	白色
G/Y	GREEN/YELLOW	绿/黄色
B/W	BLACK/WHITE	黑/白色
G	GREEN	绿色

Wiring Diagram (80028420WD)

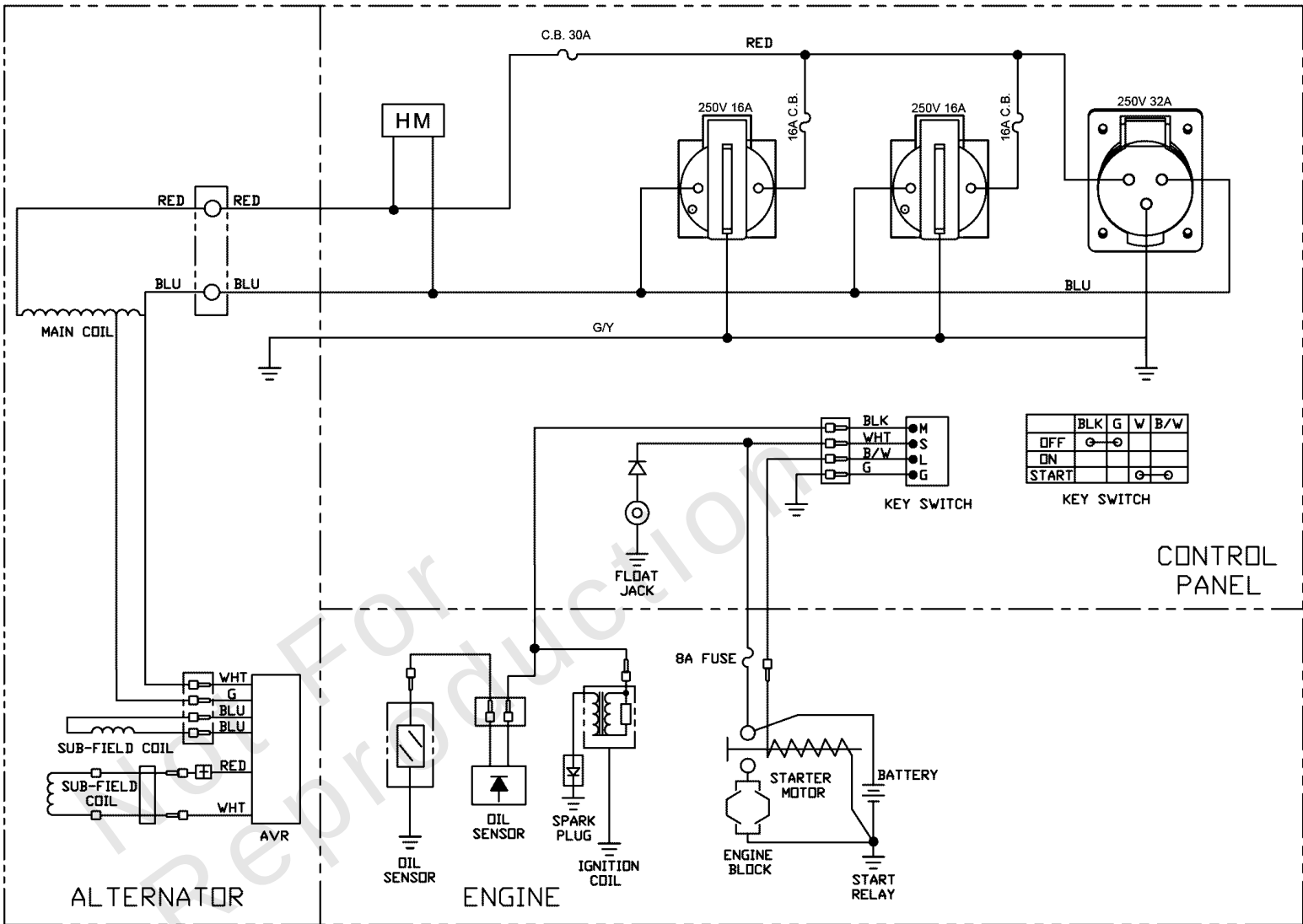
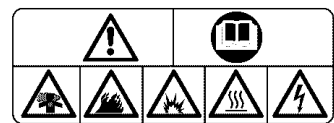
REF NO	PART NO	QTY	DESCRIPTION
--	-----		Wiring Diagram Only

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Wiring Schematic (80028420WS)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030722-01



BLU	BLUE	蓝色
RED	RED	红色
BLK	BLACK	黑色
WHT	WHITE	白色
G/Y	GREEN/YELLOW	绿/黄色
B/W	BLACK/WHITE	黑/白色
G	GREEN	绿色

Wiring Schematic (80028420WS)

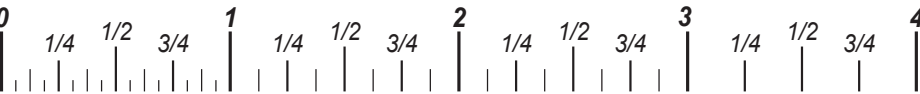
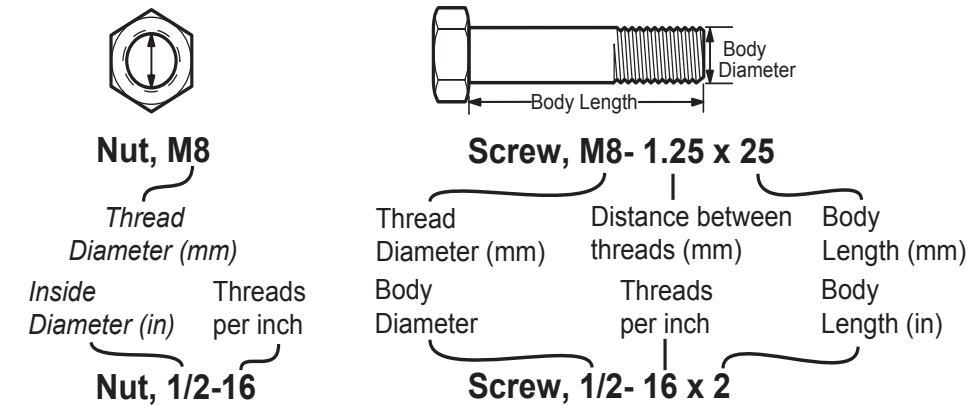
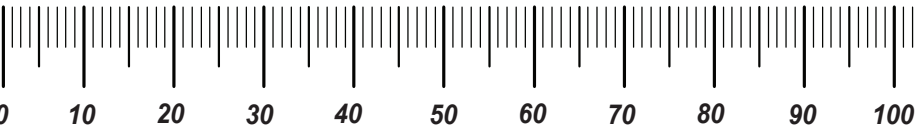
REF NO	PART NO	QTY	DESCRIPTION
--	-----		Wiring Diagram Only

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Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)								
Property Class	 Class 5.6		 Class 8.8		 Class 10.9		 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	5.97	8.10	7.15	9.7
M6	44.64	4.3	7.3	9.9	10.3	14	12.1	16.5
M7	5.2	7.1	12.1	16.5	16.9	23	19.9	27
M8	7.7	10.5	17.7	24	25	34	29	40
M10	15	21	35	48	50	67	59	81
M12	26	36	61	83	86.2	117	103	140
M14	42	58	101	132	136	185	162	220
M16	64	88	147	200	210	285	250	340
M18	89	121	202	275	287	390	346	470
M20	126	171	290	390	405	550	486	660
M22	169	230	390	530	559	745	656	890
M24	217	295	497	375	708	960	840	1140
M27	320	435	733	995	1032	1400	1239	1680
M30	435	590	995	1350	1401	1900	1681	2280
M33	590	800	1349	1830	1902	2580	2278	3090
M36	759	1030	1740	2360	2441	3310	2935	3980
M39	988	1340	2249	3050	3163	4290	3798	5150

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



Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

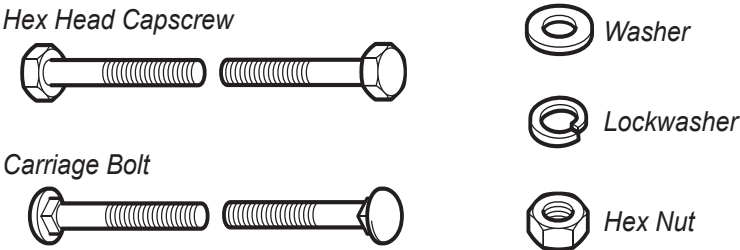
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 SAE Grade 2		 SAE Grade 5		 SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	29	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Common Hardware Types



Wrench & Fastener Size Guide

 1/4" Bolt or Nut Wrench—7/16"	 5/16" Bolt or Nut Wrench—1/2"	 3/8" Bolt or Nut Wrench—9/16"	 7/16" Bolt or Nut Wrench (Bolt)—5/8" Wrench (Nut)—11/16"	 1/2" Bolt or Nut Wrench—3/4"
M6 Bolt or Nut Wrench—10mm	M8 Bolt or Nut Wrench—13mm	M10 Bolt or Nut Wrench—17mm	M12 Bolt or Nut Wrench—19mm	M14 Bolt or Nut Wrench—22mm

