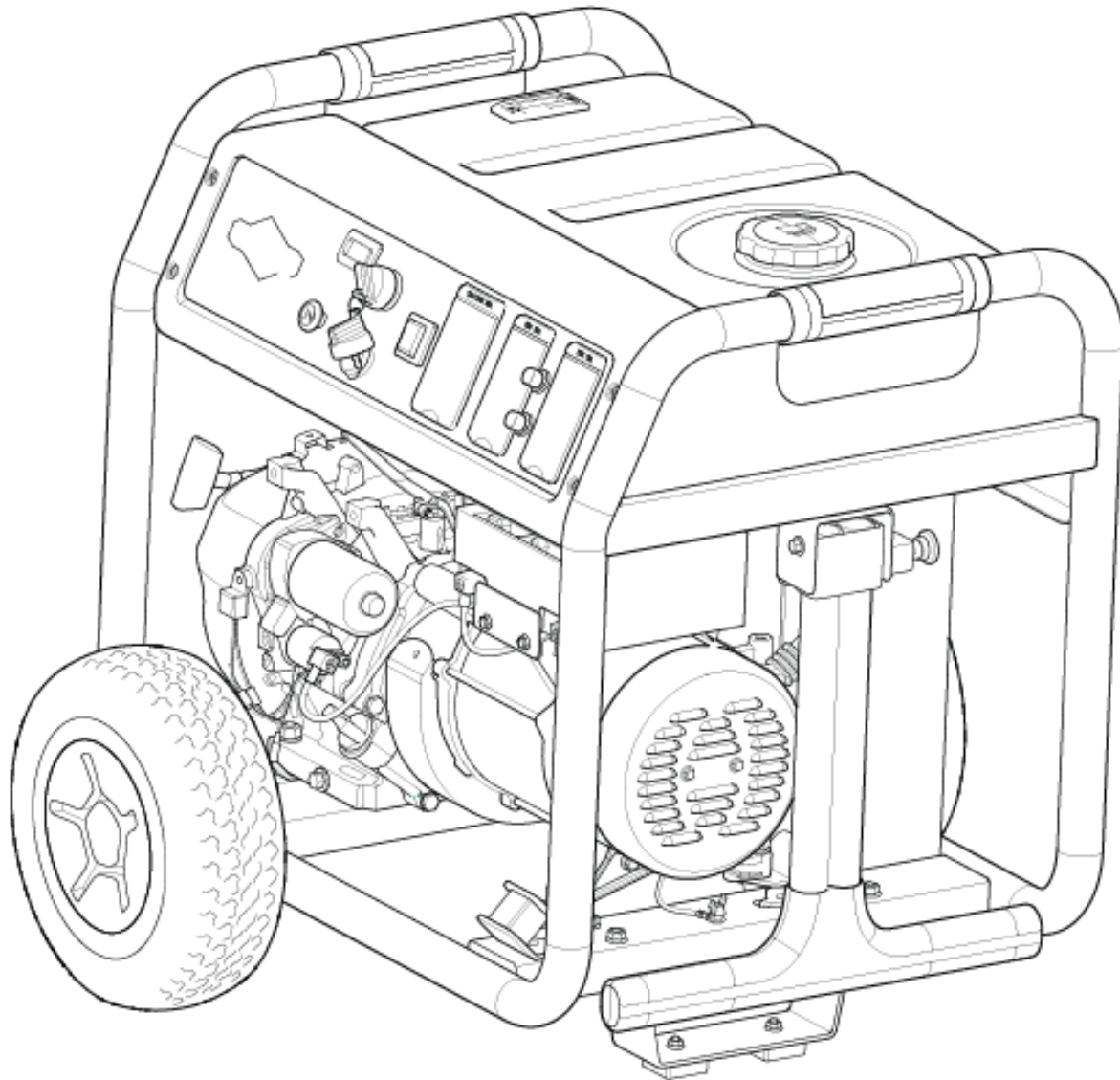




# Parts Manual

Mfg. No: 030741-00  
8,000 Watt Briggs & Stratton Elite





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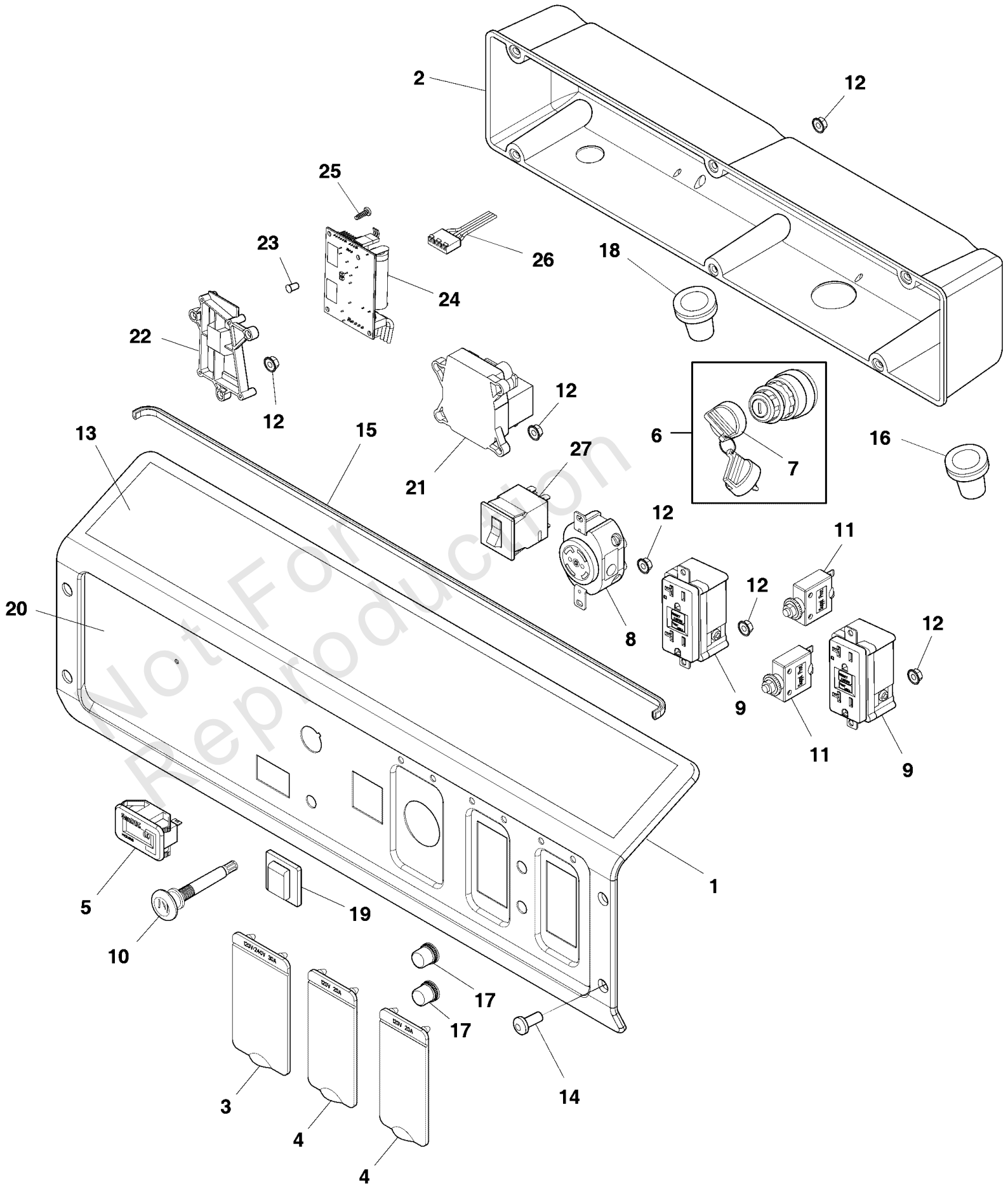
<b>Model Components</b>	<b>Page</b>
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# Control Panel

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030741-00



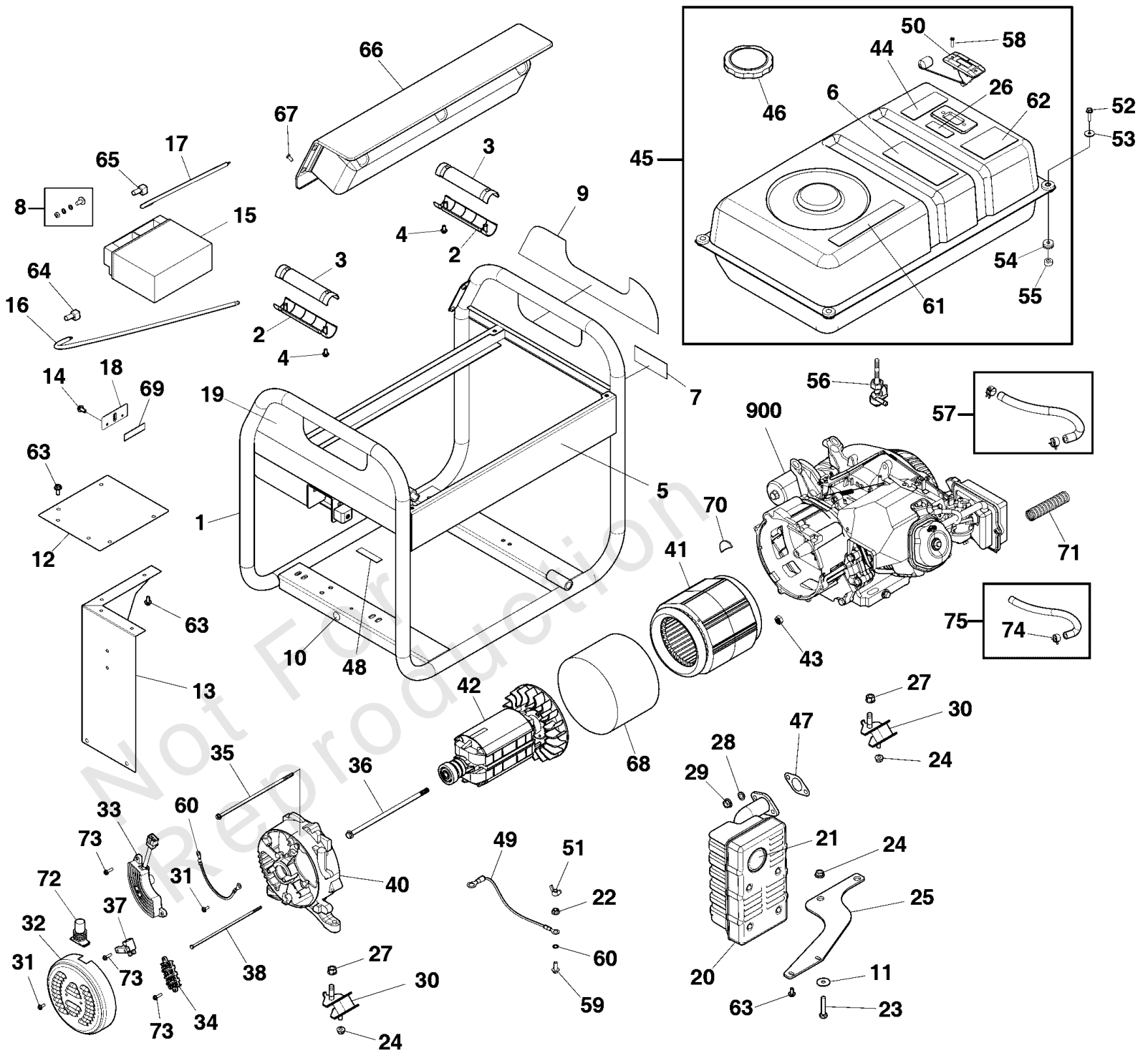
## Control Panel

REF NO	PART NO	QTY	DESCRIPTION
1	84002421	1	PANEL-CONTROL
2	84002428	1	BOX- CONTROL PANEL
3	319477GS	1	COVER-OUTLET
4	319476GS	2	COVER-OUTLET
5	198245GS	1	METER, Hour Digital
6	318307GS	1	KEY-SWITCH IGNITION
7	705436	1	KEY
8	43437GS	1	OUTLET, 120/240V Locking, 30A
9	709526	2	OUTLET-GFCI
10	84002429	1	CABLE-CHOKE
11	209872GS	2	BREAKER, Circuit, 20A
12	795016	12	Nut
13	84002418	1	DECAL
14	703804	4	SCREW
15	319459GS	1	TRIM-EDGE
16	319529GS	1	GROMMET
17	312636GS	2	BOOT, Circuit Breaker
18	319530GS	1	GROMMET
19	191481GS	1	BOOT, Breaker Circuit
20	84002409	1	DECAL
21	84002089	1	MODULE-BATTERY CHARGE
22	772213	1	BRACKET-MODULE
23	772217	1	LIGHT-PIPE
24	772211	1	MODULE-CO
25	84001081	4	SCREW
26	772215	1	WIRE-HARNESS-CO
27	202033GS	1	Breaker, Circuit, 30A, 2P

# Main Unit

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030741-00



## Main Unit

REF NO	PART NO	QTY	DESCRIPTION
1	84002414	1	CRADLE -(Includes Ref. Nos. 5, 7 & 10)
2	312009GS	2	GRIP, Handle
3	312008GS	2	GRIP, Handle
4	75477GS	4	PPHMS, M5 - 0.8 x 20
5	772231	1	DECAL
6	772234	1	DECAL
7	772236	1	DECAL
8	315546GS	1	KIT, Hardware, Battery Terminal
9	84002408	1	DECAL
10	704331	1	DECAL
11	B2495GS	1	WSHR, 25.4 X 8.45 X 1.4
12	312020GS	1	HEATSHIELD
13	312019GS	1	HEATSHIELD
14	209775GS	2	BOLT
15	316345GS	1	BATTERY
16	312014GS	1	CABLE-BATTERY, RED
17	312026GS	1	CABLE-BATTERY, BLACK
18	311983GS	1	PLATE-BATTERY
19	84002413	1	DECAL
20	192569GS	1	MUFFLER
21	83083GS	1	SCREEN, Spark Arrest
22	52857GS	1	NUT-M6 FLANGE
23	57821GS	1	CAPSCREW, Hex Head, M8-1.25 x 40
24	67989GS	5	NUT, M8 Flange Serrated
25	319457GS	1	BRACKET, Muffler
26	703264	1	DECAL
27	52859GS	4	NUT, Lock
28	22237GS	2	WASHER, Locking, 3/8
29	45771GS	2	NUT, M8 - 1.25
30	319451GS	4	MOUNT-VIBRATION
31	700308	2	SCREW
32	312870GS	1	COVER, Rear Bearing
33	701360	1	VOLTAGE REGULATOR
34	312921GS	1	BLOCK, Junction
35	703909	2	BOLT
36	703910	1	BOLT
37	312904GS	1	BRUSH ASSEMBLY
38	703908	2	BOLT
39	706150	1	WIRE
40	312866GS	1	SUPPORT, Bearing
41	701363	1	STATOR
42	701377	1	ROTOR
43	312916GS	4	NUT
44	772233	1	DECAL
45	84002415	1	TANK-FUEL
46	319587GS	1	CAP-FUEL
47	813085GS	1	GASKET
48	706535	1	PAD-RUBBER

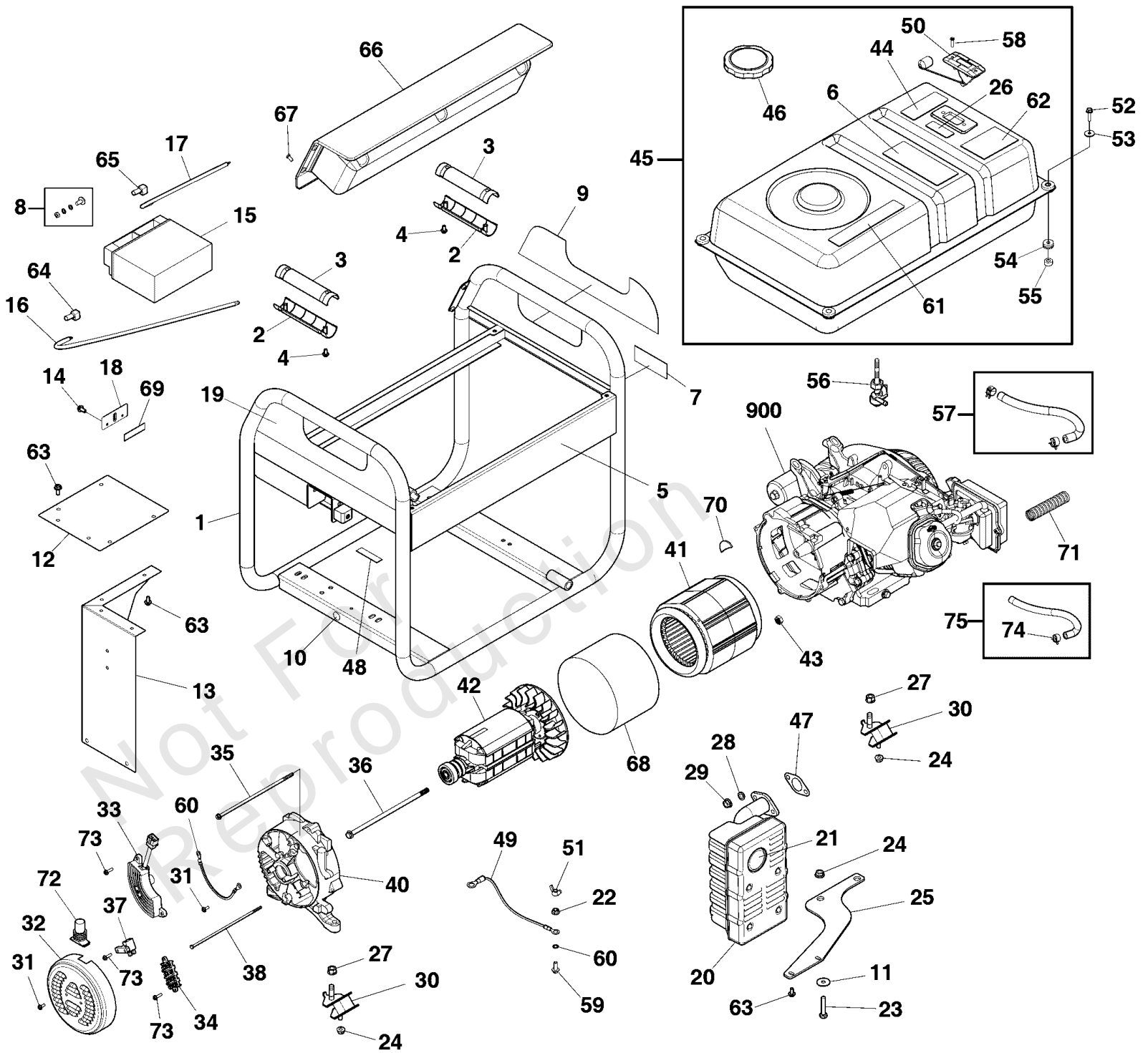
### Footnotes:

(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

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030741-00





## Main Unit

REF NO	PART NO	QTY	DESCRIPTION
49	706165	1	WIRE
50	704183	1	GAUGE-FUEL
51	87680GS	1	NUT, M6 - 1.0 Wing
52	703805	4	SCREW
53	312005GS	4	WASHER
54	189134GS	4	GROMMET, Rubber
55	189137GS	4	SPACER
56	209417GS	1	VALVE, Fuel
57	791745	1	KIT-FUEL, Hose (Cut To Fit)
58	314440GS	2	SCREW
59	706166	1	SCREW
60	26850GS	1	WASHER, Ext. M6 - 1/4" Shakeproof
61	772237	1	DECAL
62	202997GS	1	DECAL, Warning, CO
63	706152	1	SCREW, M6 x 12
64	319405GS	1	CAP-WIRE, RED
65	319821GS	1	CAP-WIRE, BLACK
66	REF-80079516	1	Refer To Control Panel Group
67	703804	4	SCREW
68	703911	1	BAND-STATOR
69	706377	1	PAD-RUBBER
70	706376	1	COVER-RUBBER
71	706534	1	BELLOWS
72	207879GS	1	BOOT, Rubber
73	84002093	4	SCREW
74	314955GS	2	CLAMP
75	315017GS	1	HOSE, Vapor (cut to fit)
900	25T235-0348-G1	1	ENGINE
--	316742GS		FUSE -(Not Illustrated)
--	705927		CHARGER, 120VAC, 12VDC Output, .75A, 2.5mm Round Plug
--	100028WEB		100028 OIL 48OZ. (EA) -(Not Illustrated)

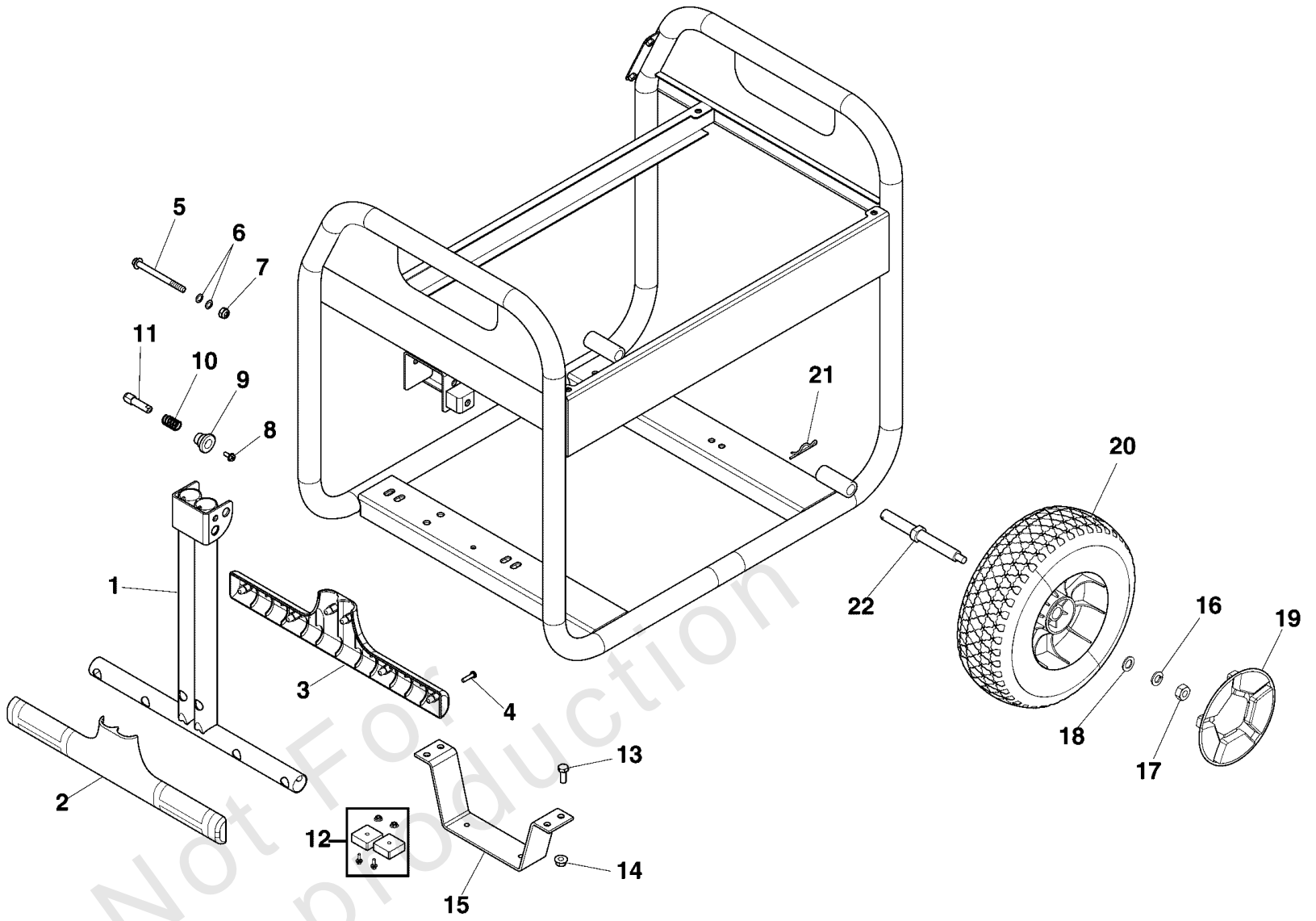
### Footnotes:

(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: 030741-00



## Wheel Kit

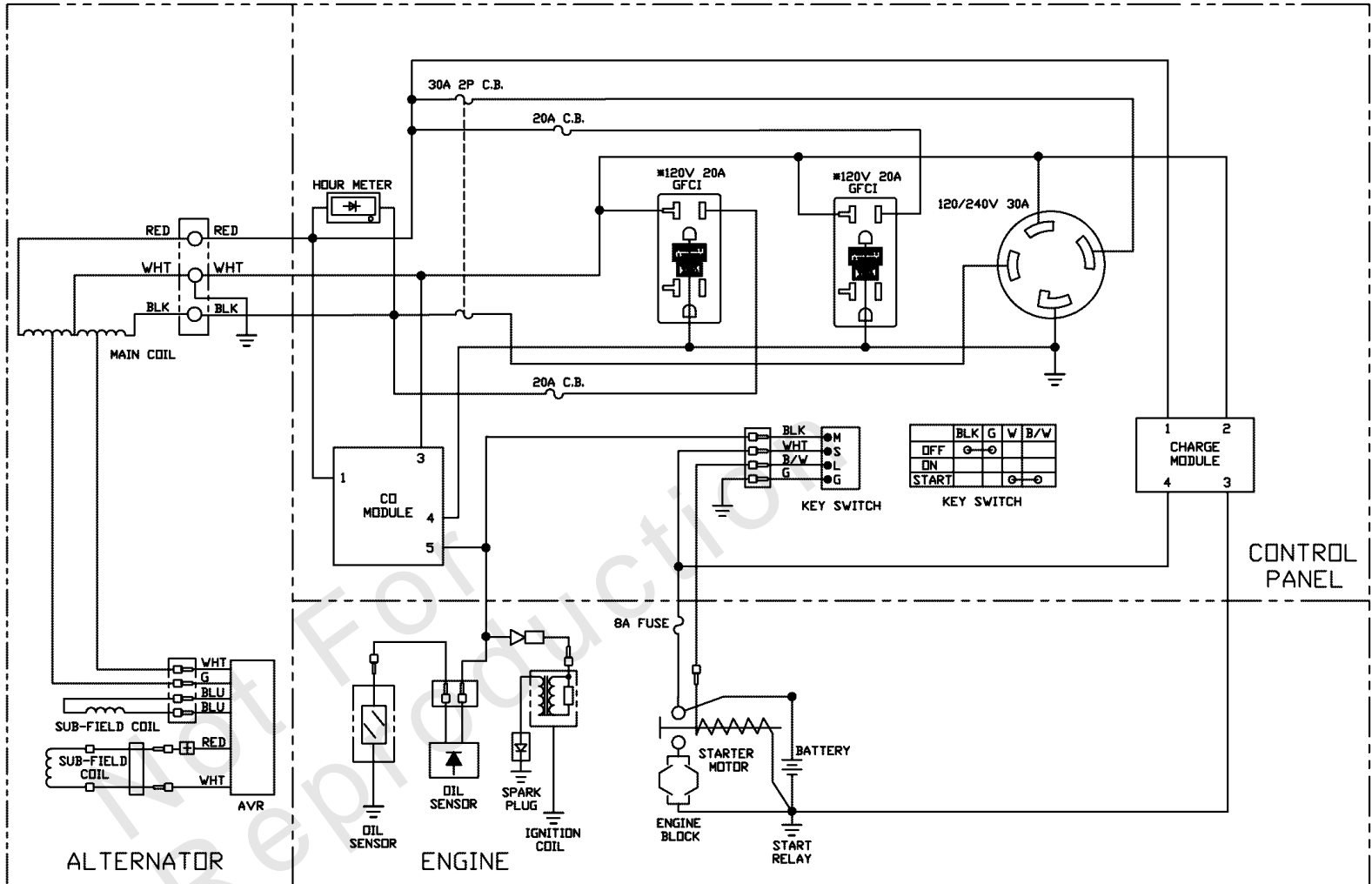
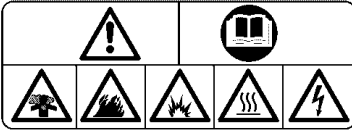
REF NO	PART NO	QTY	DESCRIPTION
1	319396GS		HANDLE
2	311998GS		GRIP-HANDLE
3	312000GS		GRIP-HANDLE
4	75477GS		PPHMS, M5 - 0.8 x 20
5	318677GS		BOLT
6	96716		Nylon Step Washer
7	49820GS		NUT, Nylok, M8 - 1.25
8	207825GS		BOLT-M5-6 x 16
9	319453GS		KNOB
10	319452GS		SPRING
11	319454GS		PIN
12	319285GS		MOUNT-VIBRATION
13	67989		NUT, M8 Flange Locking Hex M8 - 1.25 Serrated
14	315097		BOLT-M8 1.25 x 16
15	707688		SUPPORT-LEG
16	46526GS		WSHR, M10, LOCK
17	45772GS		NUT, M10-1.5
18	94856GS		WASHER-M10 FLAT
19	312022GS		HUBCAP
20	312021GS		WHEEL
21	316510GS		PIN-HAIR
22	312023GS		AXLE

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# Wiring Diagram

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030741-00



RED	RED	Y	YELLOW
BLK	BLACK	V	VIOLET
WHT	WHITE	BRW	BROWN
Y/G	YELLOW/GREEN	BLU	BLUE

## Wiring Diagram

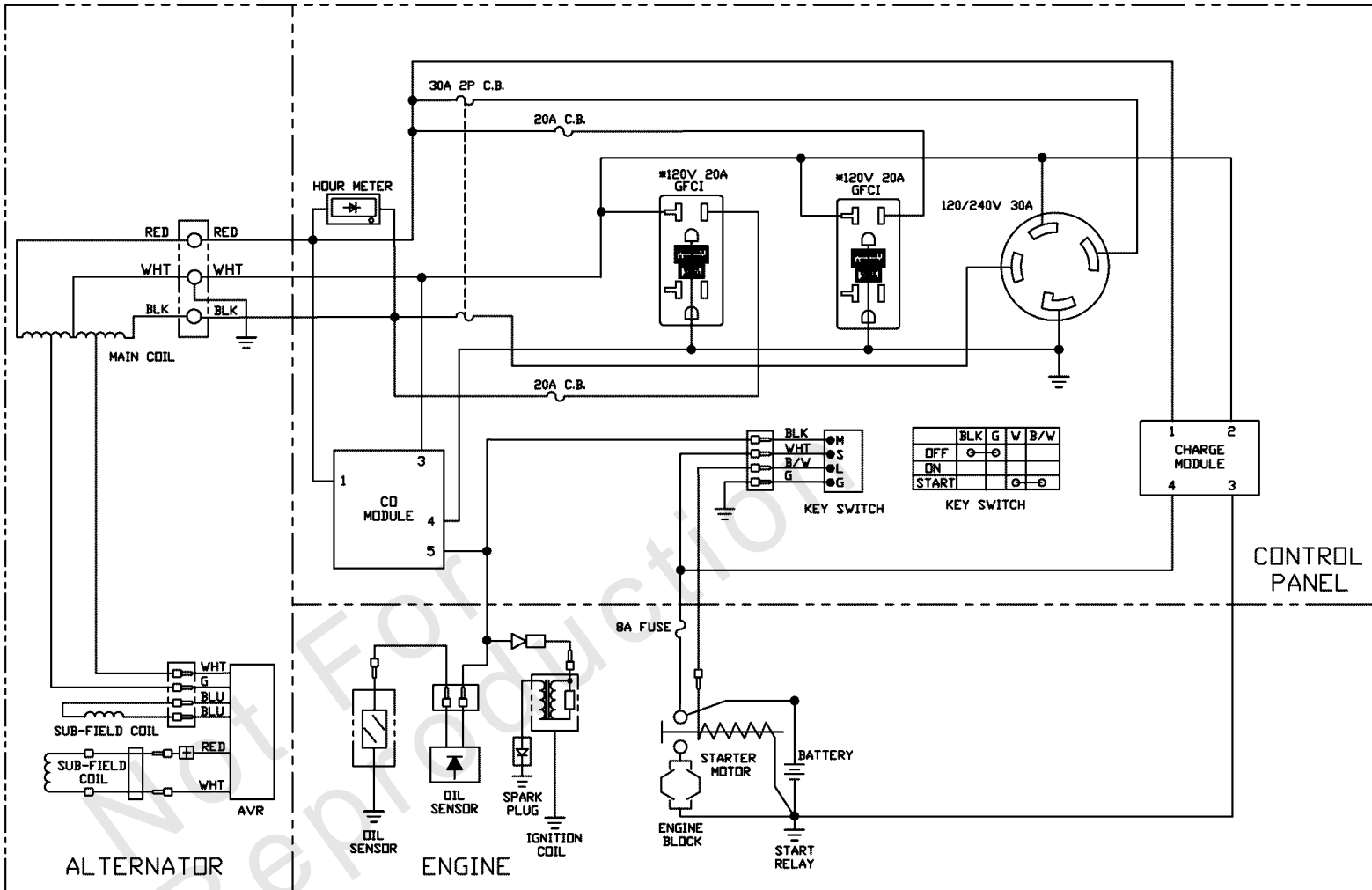
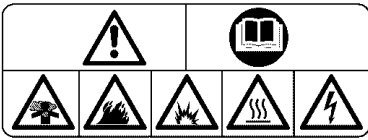
REF NO	PART NO	QTY	DESCRIPTION
--	-----		Wiring Diagram Only
--	WARNING		Warning Generator Voltage Could Cause Electrical Shock or Burn Resulting in Death Or Serious Injury. To Avoid Electrical Shock Or Burn Hazard, Please Refer Service To Qualified Personnel.

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# Wiring Schematic

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 030741-00



RED	RED	Y	YELLOW
BLK	BLACK	V	VIOLET
WHT	WHITE	BRW	BROWN
Y/G	YELLOW/GREEN	BLU	BLUE

## Wiring Schematic

REF NO	PART NO	QTY	DESCRIPTION
--	----		Wiring Schematic Only
--	WARNING		Warning Generator Voltage Could Cause Electrical Shock or Burn Resulting in Death Or Serious Injury. To Avoid Electrical Shock Or Burn Hazard, Please Refer Service To Qualified Personnel.

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# Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)								
Property Class	5.6		8.8		10.9		12.9	
	Class 5.6		Class 8.8		Class 10.9		Class 12.9	
Size Of Hardware	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.
	ft/lbs		ft/lbs		ft/lbs		ft/lbs	
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

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	No Marks		SAE Grade 5		SAE Grade 8	
	SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.
	ft/lbs		ft/lbs		ft/lbs	
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

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

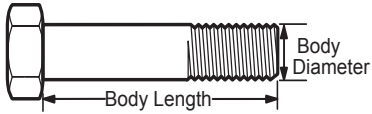


Nut, M8

Thread Diameter (mm)

Inside Diameter (in)      Threads per inch

Nut, 1/2-16



Screw, M8- 1.25 x 25

Thread Diameter (mm)      Distance between threads (mm)      Body Length (mm)

Body Diameter      Threads per inch      Body Length (in)

Screw, 1/2- 16 x 2



## 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).

## 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

Hex Head Capscrew



Washer



Carriage Bolt



Hex Nut

## 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



