



Illustrated Parts List

Portable Generator



This generator is rated in accordance with CSA (Canadian Standards Association) standard C22.2 No. 100-94 (motor and generators).

Questions? Help is just a moment away!
Preguntas? La ayuda es justa un momento lejos!

Call: Portable Generator Helpline

Llame: Línea Directa del Generador portátil - 1-800-732-2989 M-F 8-5 CST

Model / Modelo

Mfg. No.	Description / Descripción
030549A-00	7,500 Watt Briggs & Stratton

Manual Part No. 1759810

Revision -

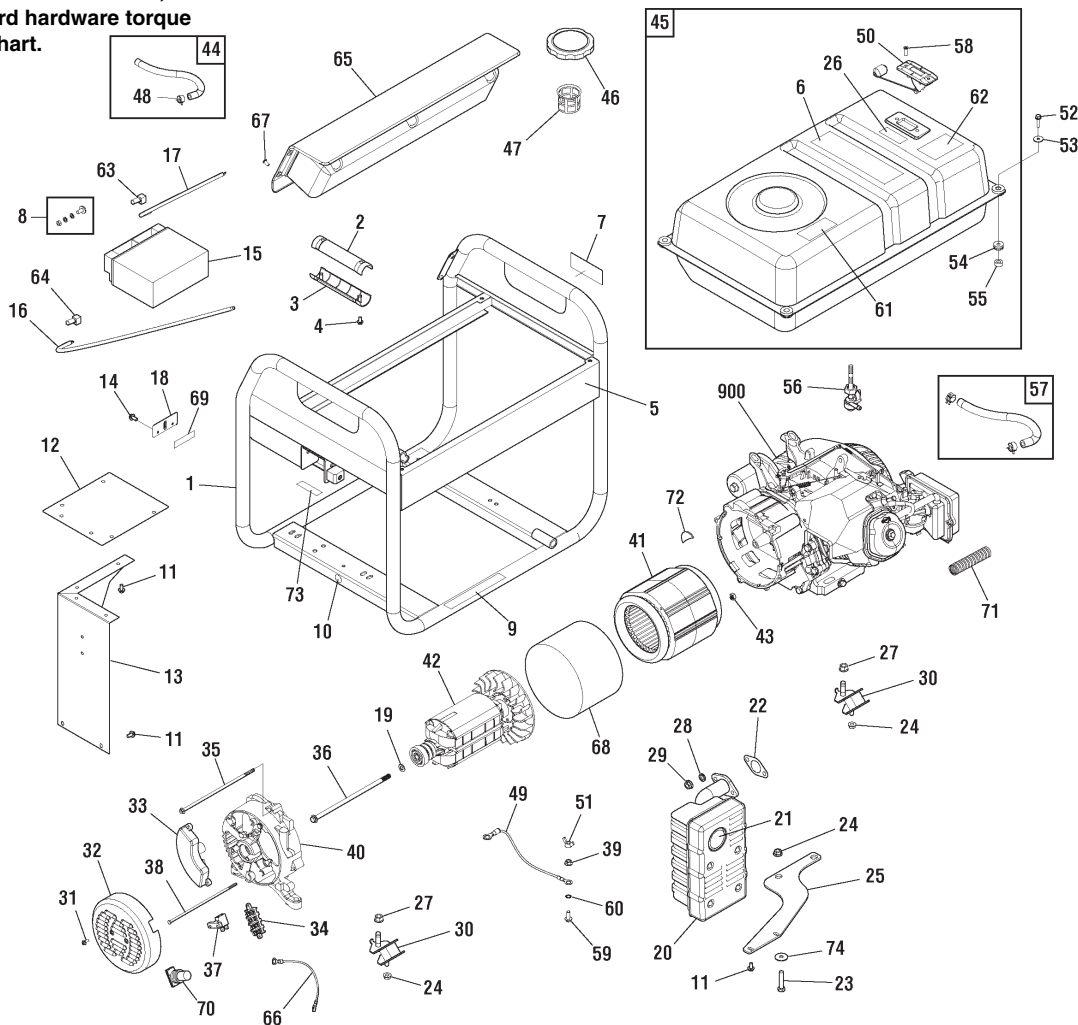
Rev. Date: 6/15/2015

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Main Unit

80013116

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



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	706536	CRADLE (Includes Ref. Nos. 5, 7, 9 & 10)	18	311983GS	PLATE-BATTERY
2	312009GS	GRIP-HANDLE	19	207826GS	WASHER
3	312008GS	GRIP-HANDLE	20	192569GS	MUFFLER
4	75477GS	SCREW	21	83083GS	SCREEN
5	705500	DECAL	22	813085GS	GASKET
6	319064GS	DECAL	23	57821GS	SCREW
7	704142	DECAL	24	67989GS	NUT
8	315546GS	KIT-HRDWR, BATTERY TERMINAL	25	319457GS	SUPPORT-MUFFLER
9	319066GS	DECAL	26	703264	DECAL
10	704331	DECAL	27	52859GS	NUT
11	706152	SCREW	28	22237GS	WASHER
12	312020GS	HEATSHIELD	29	45771GS	NUT
13	312019GS	HEATSHIELD	30	319451GS	MOUNT-VIBRATION
14	209775GS	BOLT	31	207824GS	SCREW
15	316345GS	BATTERY	32	209428GS	END COVER
16	312014GS	CABLE-BTTRY, RED	33	312038GS	VOLTAGE REGULATOR
17	312026GS	CABLE-BTTRY, BLACK			

Footnotes

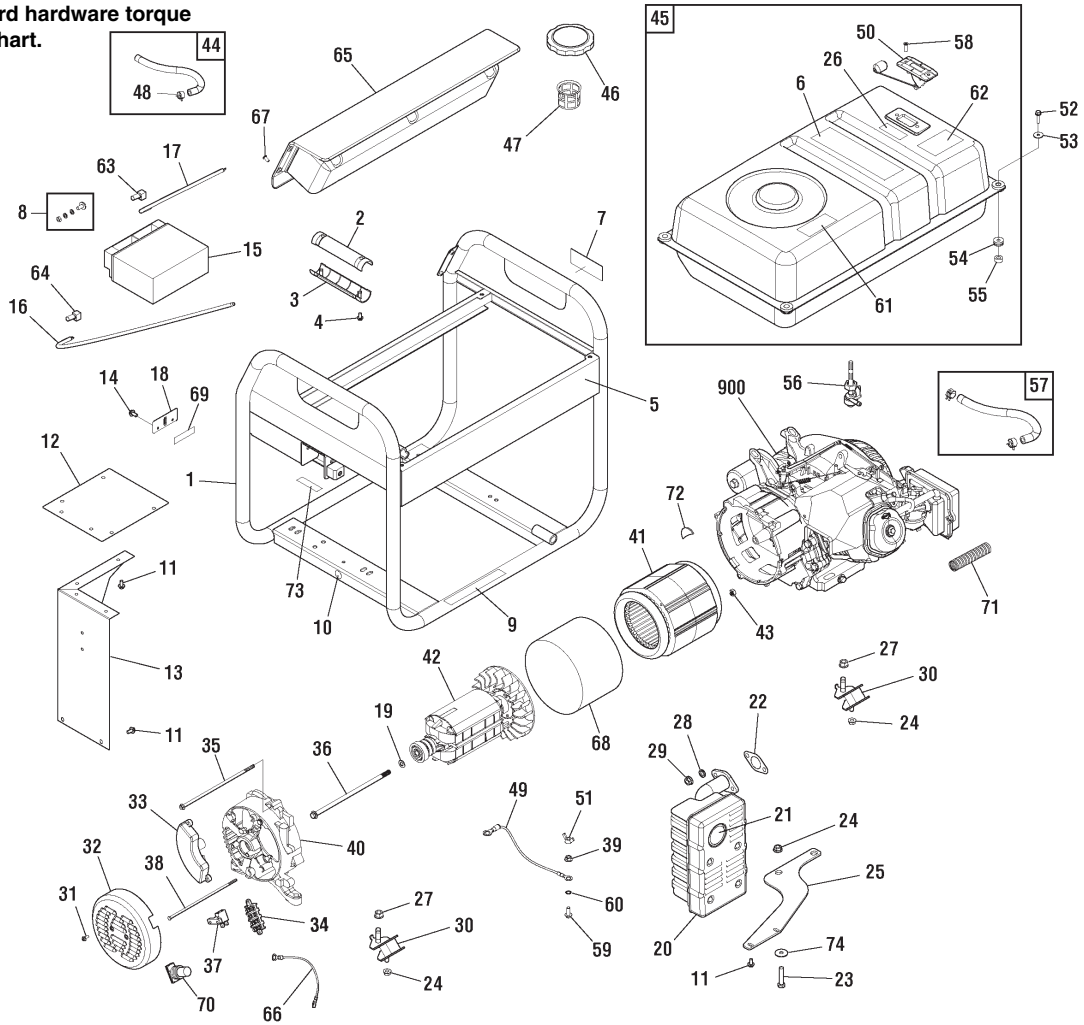
** Contact Engine Manufacturer for parts and service.

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

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REF. PART NO.	DESCRIPTION	REF. PART NO.	DESCRIPTION		
34	316945GS	TERMINAL BLOCK	51	87680GS	NUT
35	312638GS	BOLT	52	703805	BOLT
36	312639GS	BOLT	53	312005GS	WASHER
37	207827GS	BRUSH ASSY	54	189134GS	GROMMET
38	312640GS	BOLT	55	189137GS	SPACER
39	52857GS	NUT	56	209417GS	VALVE-FUEL
40	207838GS	CARRIER-BEARING	57	791745	KIT-FUEL HOSE (Cut to Fit)
41	706533	STATOR	58	314440GS	SCREW
42	317336GS	ROTOR	59	706166	SCREW
43	207878GS	NUT	60	26850GS	WASHER
44	315017GS	HOSE	61	319065GS	DECAL
45	706538	TANK-FUEL	62	202997GS	DECAL
46	319587GS	CAP-FUEL	63	319821GS	CAP-WIRE, BLACK
47	706545	FILTER-FUEL	64	319405GS	CAP-WIRE, RED
48	314955GS	CLAMP	65	707632	ASSY-CONTROL PANEL
49	706165	WIRE	66	706150	WIRE
50	704183	GAUGE-FUEL	67	703804	BOLT

Footnotes

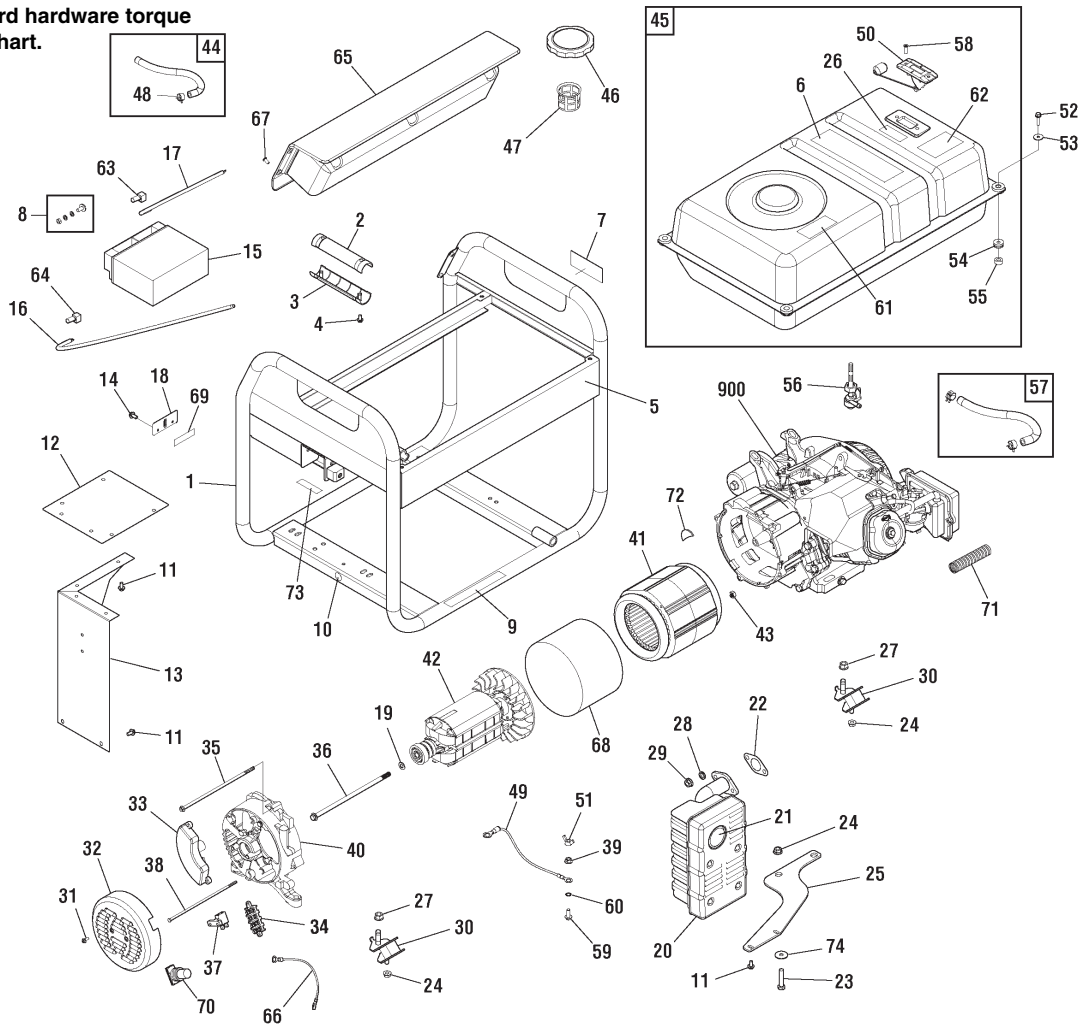
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Main Unit

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REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
68	706168	BOND			
69	706377	PAD-RUBBER			
70	207879GS	BOOT			
71	706534	BELLOW			
72	706376	COVER-RUBBER			
73	706535	PAD-RUBBER			
74	B2495GS	WASHER			
900	----	** ENGINE			
--	316742GS	FUSE			
--	B4177GS	CHARGER=BATTERY			

Footnotes

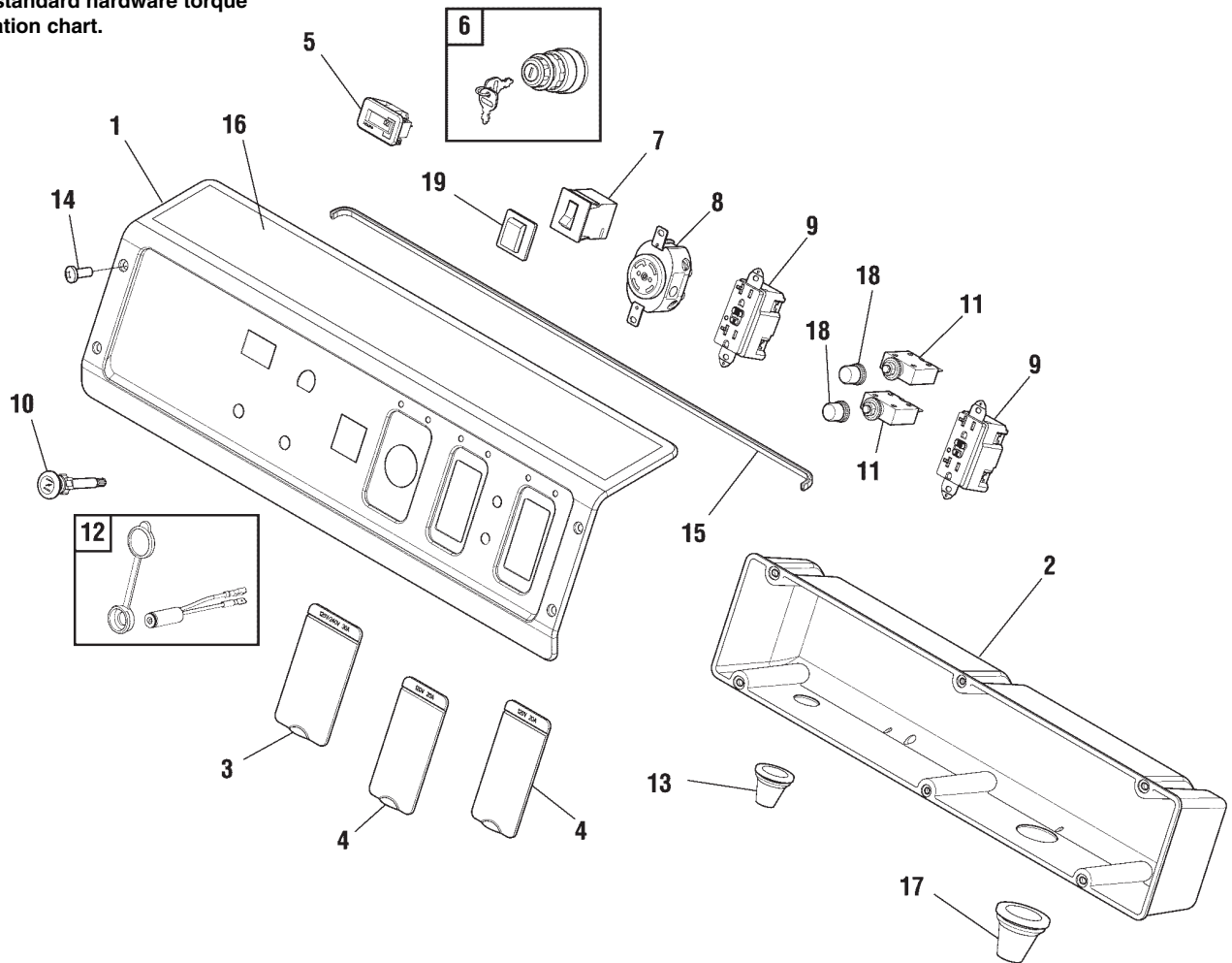
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Control Panel

80010751

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



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	706537	PANEL-CONTROL	16	705791	DECAL
2	319458GS	BOX-CONTROL PANEL	17	319529GS	GROMMET
3	319477GS	COVER-OUTLET	18	312636GS	BOOT-CIRCUIT BREAKER
4	319476GS	COVER-OUTLET	19	191481GS	BOOT-CIRCUIT BREAKER
5	198245GS	METER-HOUR			
6	318307GS	KEY-SWITCH IGNITION			
--	705436	KEY			
7	202033GS	BREAKER-CIRCUIT 30A			
8	43437GS	OUTLET-120/240V TL30A			
9	80409GS	OUTLET-125V 20A			
10	312034GS	CABLE-CHOKE			
11	209872GS	BREAKER-CIRCUIT 20A			
12	704656	SOCKET-CHARGER			
--	312687GS	RUBBER COVER			
13	319530GS	GROMMET			
14	703804	SCREW			
15	319459GS	TRIM-EDGE			

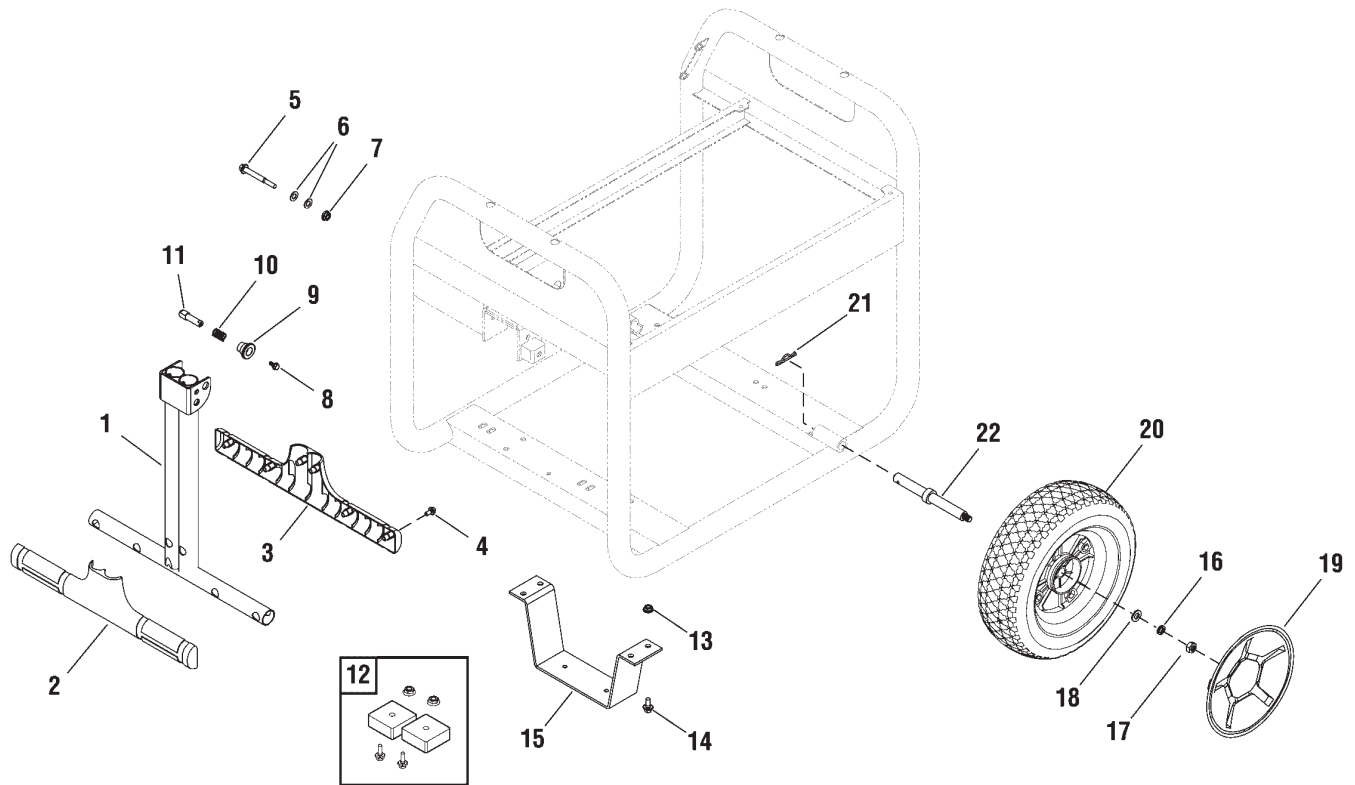
Footnotes

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Wheel Kit

312167

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REF. PART NO.	DESCRIPTION	REF. PART NO.	DESCRIPTION		
1	311999GS	HANDLE	18	94856GS	WASHER-M10 FLAT
2	311998GS	GRIP-HANDLE	19	312022GS	HUBCAP
3	312000GS	GRIP-HANDLE	20	312021GS	WHEEL
4	75477GS	SCREW-M5-0.8 x 20	21	5025210YP	PIN-HAIR .0915 x 1-7/8
5	318677GS	BOLT	22	312023GS	AXLE
6	187104GS	WASHER-NYLON M8			
7	49820GS	NUT-M8-1.25 NYLOK			
8	207825GS	BOLT-M5-6 x 16			
9	312016GS	KNOB			
10	312015GS	SPRING			
11	312017GS	PIN			
12	319285GS	MOUNT-VIBRATION			
13	52857GS	NUT-M8 FLANGE			
14	42568GS	SCREW-M8 x 16			
15	311994GS	SUPPORT-LEG			
16	46526GS	WASHER-M10 LOCK			
17	45772GS	NUT-M10 LOCK			

Footnotes

The above parts group applies to the following Mfg. Nos.:
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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		in/lbs		in/lbs		in/lbs	
	ft/lbs	Nm.	ft/lbs	Nm.	ft/lbs	Nm.	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

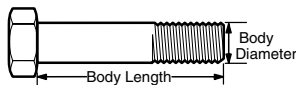
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

Thread Diameter (mm)
Inside Diameter (in)
Threads per inch

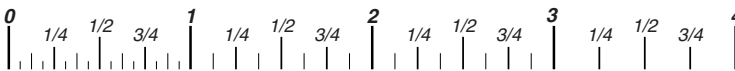
Nut, 1/2-16



Screw, M8- 1.25 x 25

Thread Diameter (mm)
Body Diameter
Distance between threads (mm)
Threads per inch
Body Length (mm)
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*, (1.25 thread diameter). 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	No Marks		SAE Grade 5		SAE Grade 8	
	SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	in/lbs		in/lbs		in/lbs	
	ft/lbs	Nm.	ft/lbs	Nm.	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

Hex Head Capscrew



Washer



Lockwasher

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



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