



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
030554-00	5,000 Watt Briggs & Stratton

Manual Part No. 1756360

Revision -

Rev. Date: 1/7/2013

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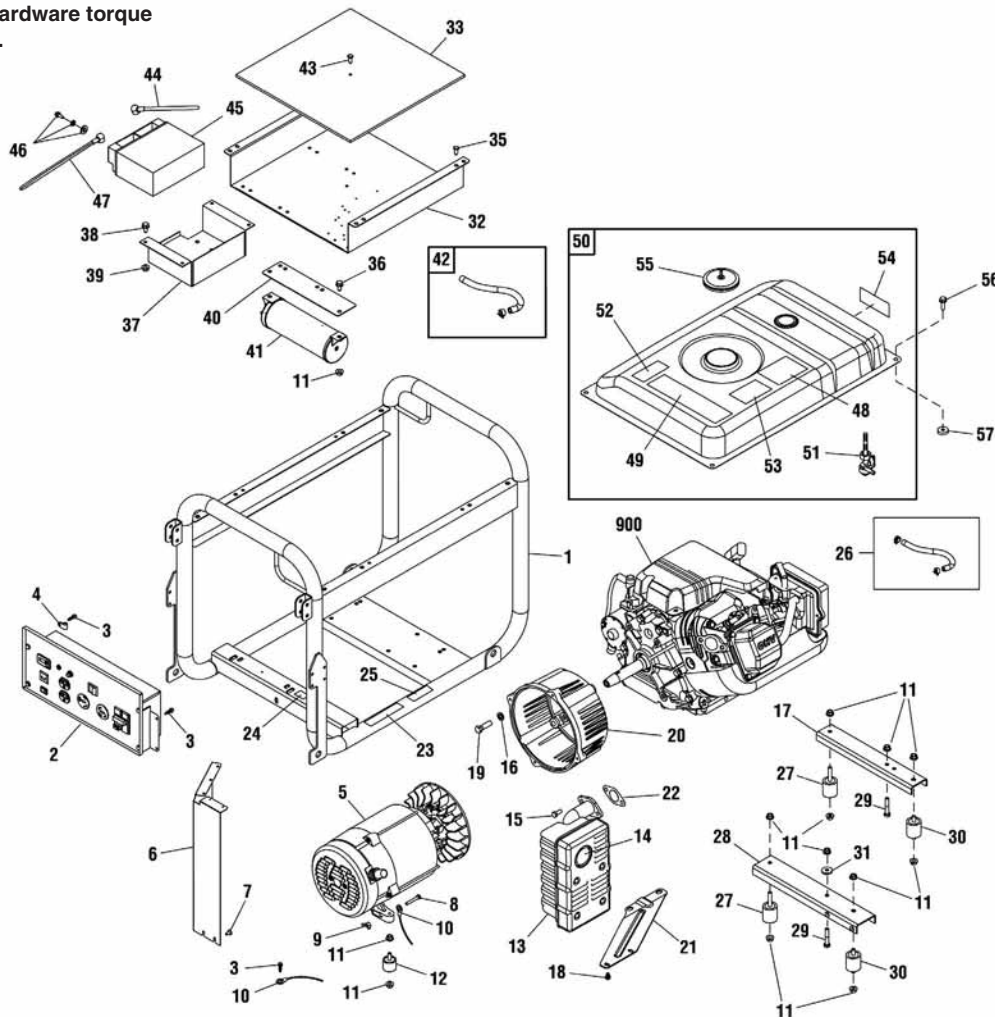
PRODUCT COMPONENTS	PAGES
Main Unit	4
Alternator	6
Control Panel	7
Wheel Kit	8
Torque Specification Chart	Inside Back Cover

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Main Unit

318568

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



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	318289BXGS	CRADLE (Includes Ref. Nos. 23, 24 & 25)	18	66476GS	SCREW
2	318283GS	PANEL, Control	19	-----	* CAPSCREW, Hex Head, 3/8-16 x 1-1/4
3	B2153GS	SCREW	20	208537GS	ADAPTER, Engine
4	315831GS	CLAMP	21	189009GS	BRACKET, Muffler
5	-----	ALTERNATOR	22	695398	GASKET
6	194390GS	HEATSHIELD	23	196830GS	DECAL
7	192376GS	SCREW	24	B4986GS	DECAL
8	-----	* CAPSCREW, Hex Head, M6-1 x 40	25	208538GS	DECAL
9	87680GS	NUT, Wing	26	791745	KIT, Fuel Hose (Cut to Fit)
10	14353621GS	WIRE	27	B5073GS	MOUNT, Vibration
11	67989GS	NUT	28	190723BXGS	BRACKET, Support
12	85652GS	MOUNT, Vibration	29	-----	* CAPSCREW, Hex Head, M8-1.25 x 45
13	189008GS	MUFFLER	30	B5072GS	MOUNT, Vibration
14	83083GS	SCREEN	31	50190GS	WASHER
15	204885GS	SCREW	32	208564GS	HEATSHIELD
16	-----	* WASHER, Lock, 3/8	33	92665GS	INSULATION
17	92531BXGS	BRACKET, Support			

Footnotes

* Items without part numbers are common fasteners and are available at your local hardware store.

** Contact engine manufacturer for parts and service.

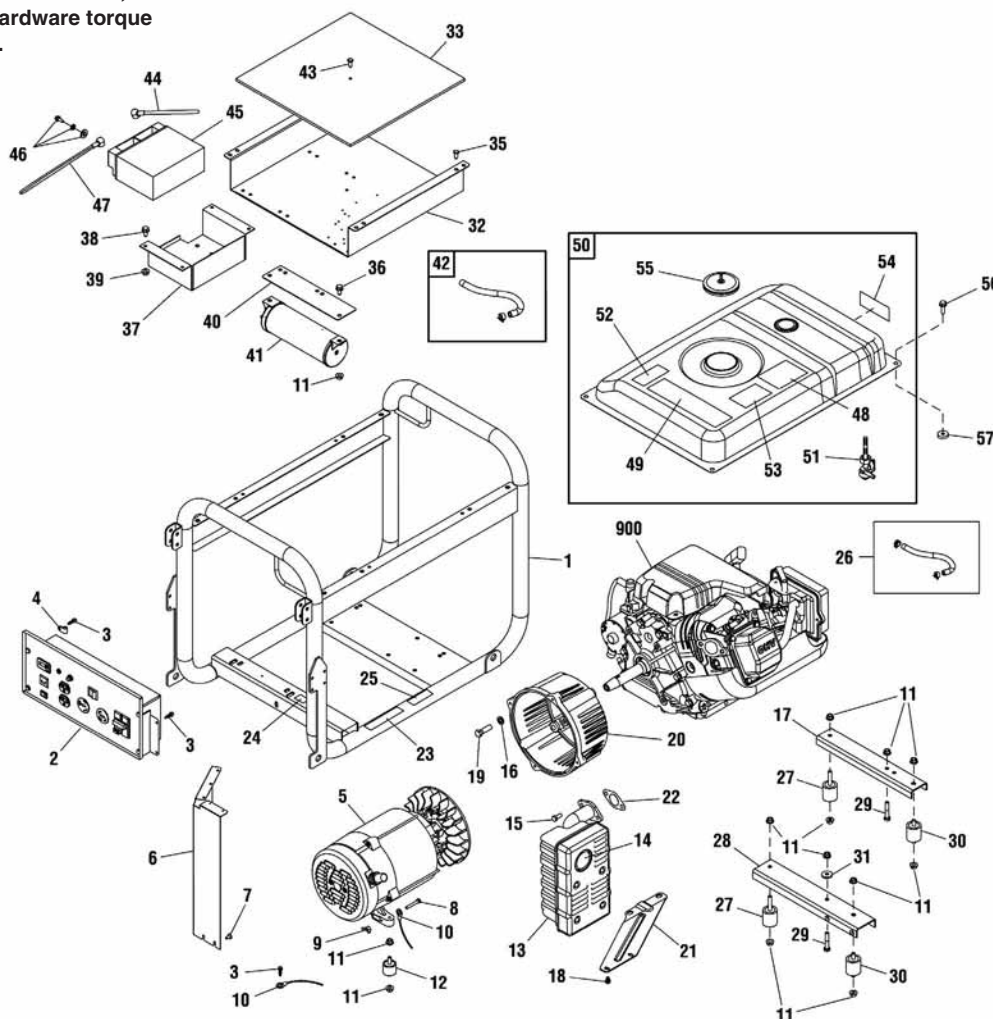
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Main Unit

318568

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REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
35	B1797GS	CLIP, Tree	52	312728GS	DECAL
36	794821	SCREW	53	202997GS	DECAL
37	192985GS	TRAY, Battery	54	197797GS	DECAL
38	----	* CAPSCREW, Hex Head, M6-1 x 12	55	314951GS	CAP, Fuel
39	----	* NUT, Flange, M6	56	24490GS	SCREW
40	319144GS	BRACKET	57	193588GS	SPACER
41	318304GS	CANISTER, Carbon	900	----	** ENGINE
42	315017GS	HOSE, Vapor	--	318496GS	MANUAL, Operator's (Not Illustrated)
43	85000GS	CLIP, Insulation	--	BB3061BGS	OIL (Not Illustrated)
44	189302RGS	CABLE, Battery, Red	--	43438GS	PLUG (Not Illustrated)
45	316345GS	BATTERY	--	65787GS	CHARGER, Battery (Not Illustrated)
46	315546GS	KIT, Hardware, Battery	--	37806GS	PLUG (Not Illustrated)
47	185939ZGS	CABLE, Battery, Black			
48	318124GS	DECAL			
49	194799GS	DECAL			
50	703803	TANK, Fuel			
51	310574GS	FUEL VALVE			

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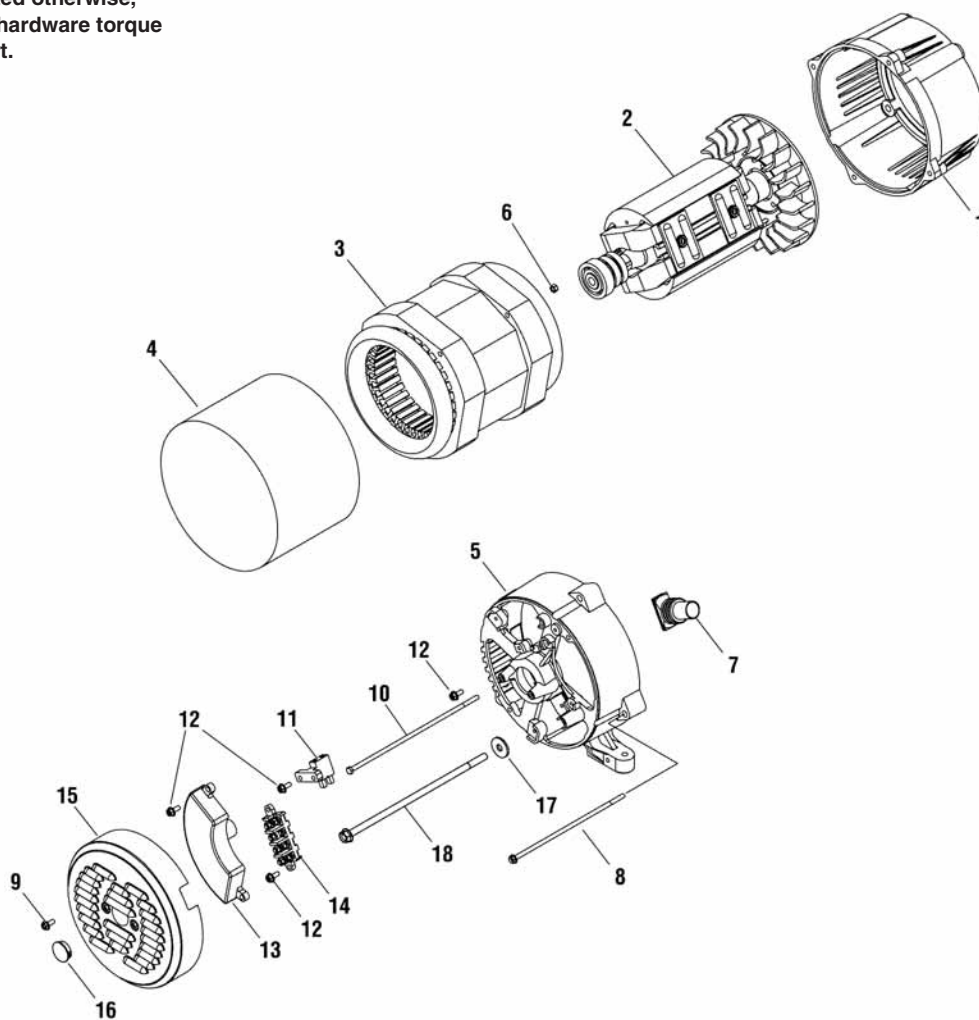
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Alternator

318567

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REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	208537GS	ADAPTER, Engine	18	317341GS	BOLT
2	319366GS	ROTOR			
3	319365GS	STATOR			
4	317342GS	BAND, Stator			
5	208485GS	SUPPORT, Bearing			
6	207878GS	NUT			
7	207879GS	BOOT			
8	317338GS	BOLT			
9	207824GS	BOLT			
10	317340GS	BOLT			
11	207827GS	BRUSH			
12	207825GS	BOLT			
13	207840GS	REGULATOR, Voltage			
14	316945GS	BLOCK, Junction			
15	208429GS	COVER			
16	315802GS	CAP			
17	207826GS	WASHER			

Footnotes

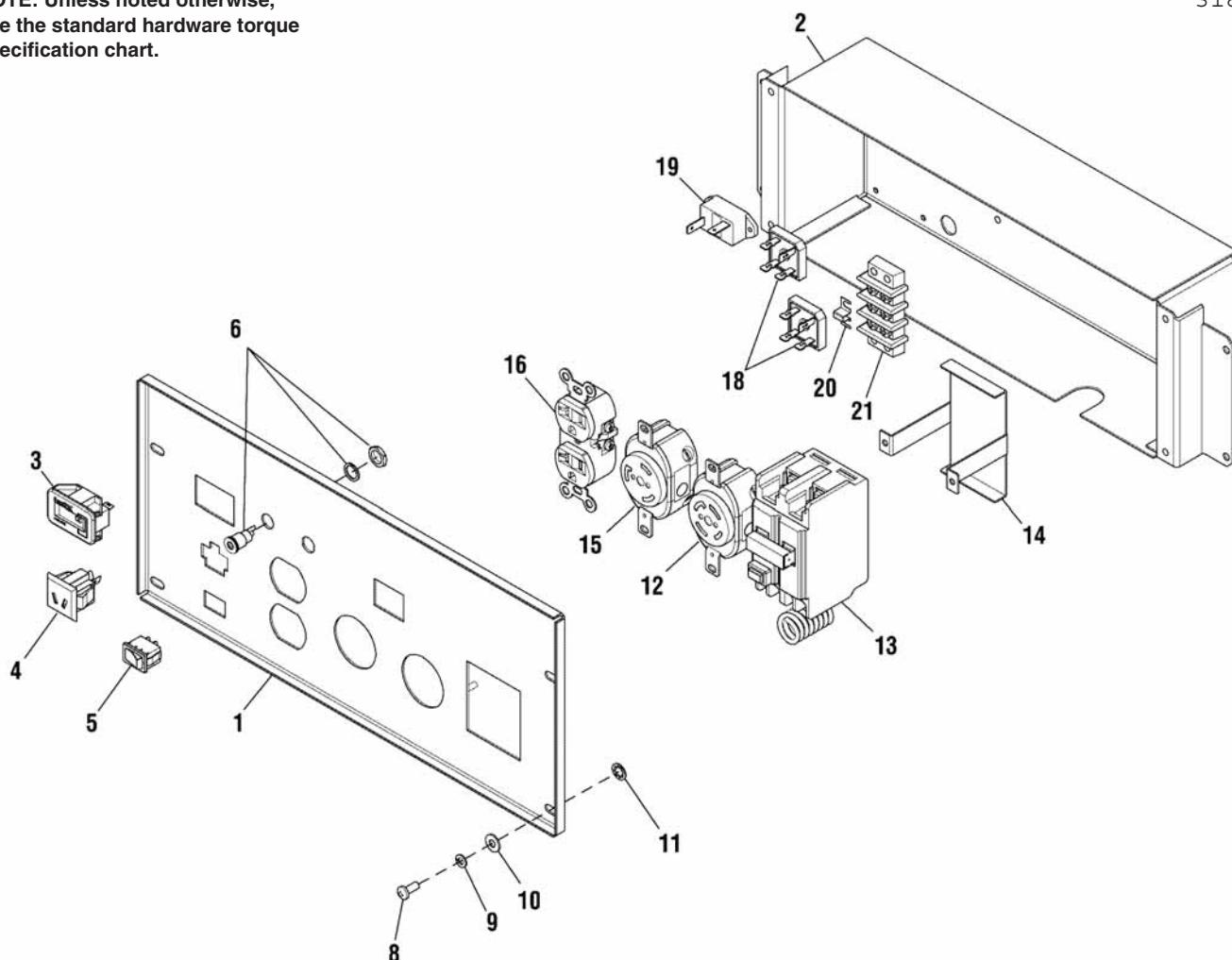
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Control Panel

318566

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REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	318376GS	PANEL, Control	20	193095GS	JUMPER
2	318378GS	BOX, Control	21	193077GS	TERMINAL STRIP
3	202602GS	HOUR METER	--	318941GS	HARNESS, Wire Power
4	90418GS	OUTLET	--	318948GS	HARNESS, Wire Ignition
5	87799GS	SWITCH			
6	186168GS	JACK COAXIAL			
8	----	* SCREW, M5-0.8 x 12			
9	----	* WASHER, Lock			
10	----	* WASHER, Flat			
11	----	* WASHER, Shakeproof			
12	43437GS	OUTLET			
13	192828BGS	CIRCUIT BREAKER			
14	192931GS	BRACKET			
15	68868GS	OUTLET			
16	68759GS	OUTLET			
18	B4894GS	RECTIFIER			
19	87962GS	CIRCUIT BREAKER			

Footnotes

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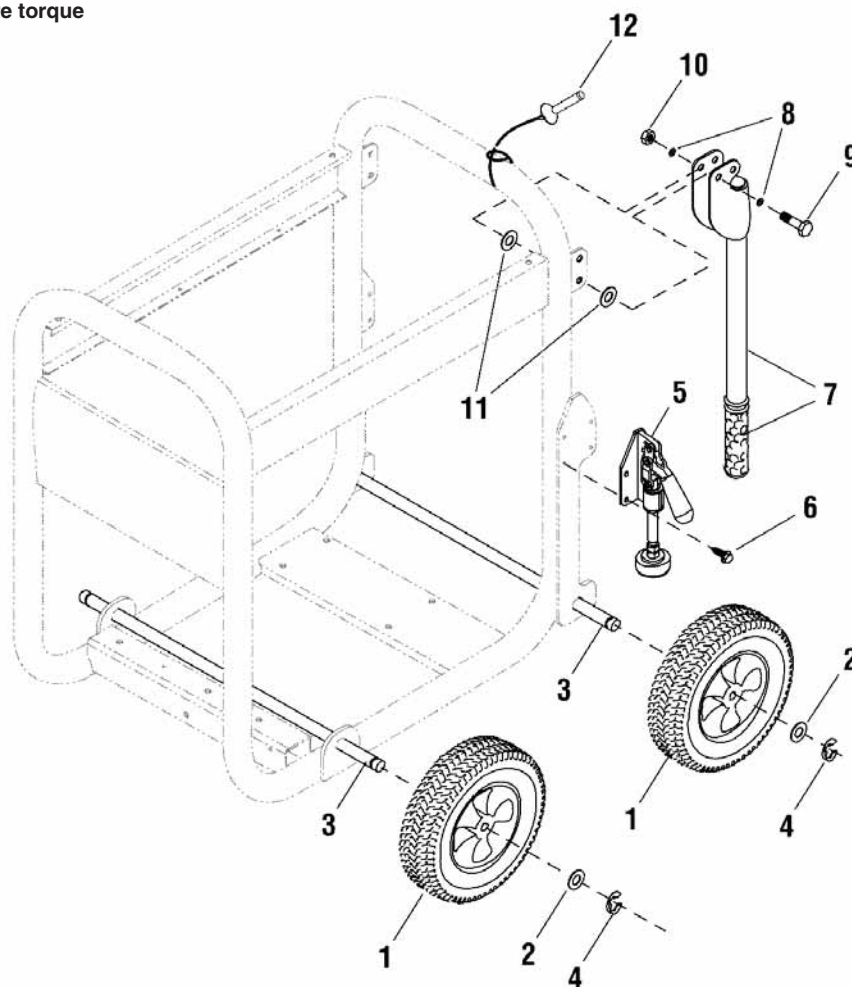
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Wheel Kit

80004678

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REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	316406GS	WHEEL			
2	----	* WASHER, 5/8			
3	191267KGS	AXLE			
4	191265GS	E-RING			
5	205135GS	BRAKE			
6	----	* SCREW, 1/4-20 x 3/8			
7	B193200GS	HANDLE			
8	----	* WASHER, Flat, 5/16 - M8			
9	----	* NUT, Nylock, M8-1.25			
10	----	* CAPSCREW, Hex Head, M8-1.25 x 45			
11	----	* WASHER, Flat, Nylon			
12	B4135GS	PIN			
--	205183GS	KIT, Hardware, Wheel (Includes Ref. Nos. 2, 4, 8, 10, 11 & 12)			

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Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance $\pm 20\%$)

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

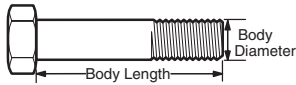
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

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

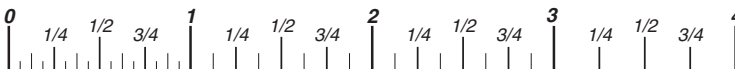
Nut, 1/2-16



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 $\pm 20\%$)

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

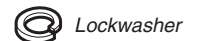
- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock 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

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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