



# *Illustrated Parts List*

## *Pressure Washer*



This pressure washer is rated in accordance to the Pressure Washer Manufacture Association (PWMA) Standard PW101 (Testing and Rating Performance of Pressure Washers).

Questions? Help is just a moment away!  
Call: Pressure Washer Helpline 1300 274 447

### **Model / Modelo**

<b>Mfg. No.</b>	<b>Description / Descripción</b>
020478-0	3,200 PSI Briggs & Stratton

**Manual Part No.** 315669

Revision -  
Rev. Date: 8/2/2011

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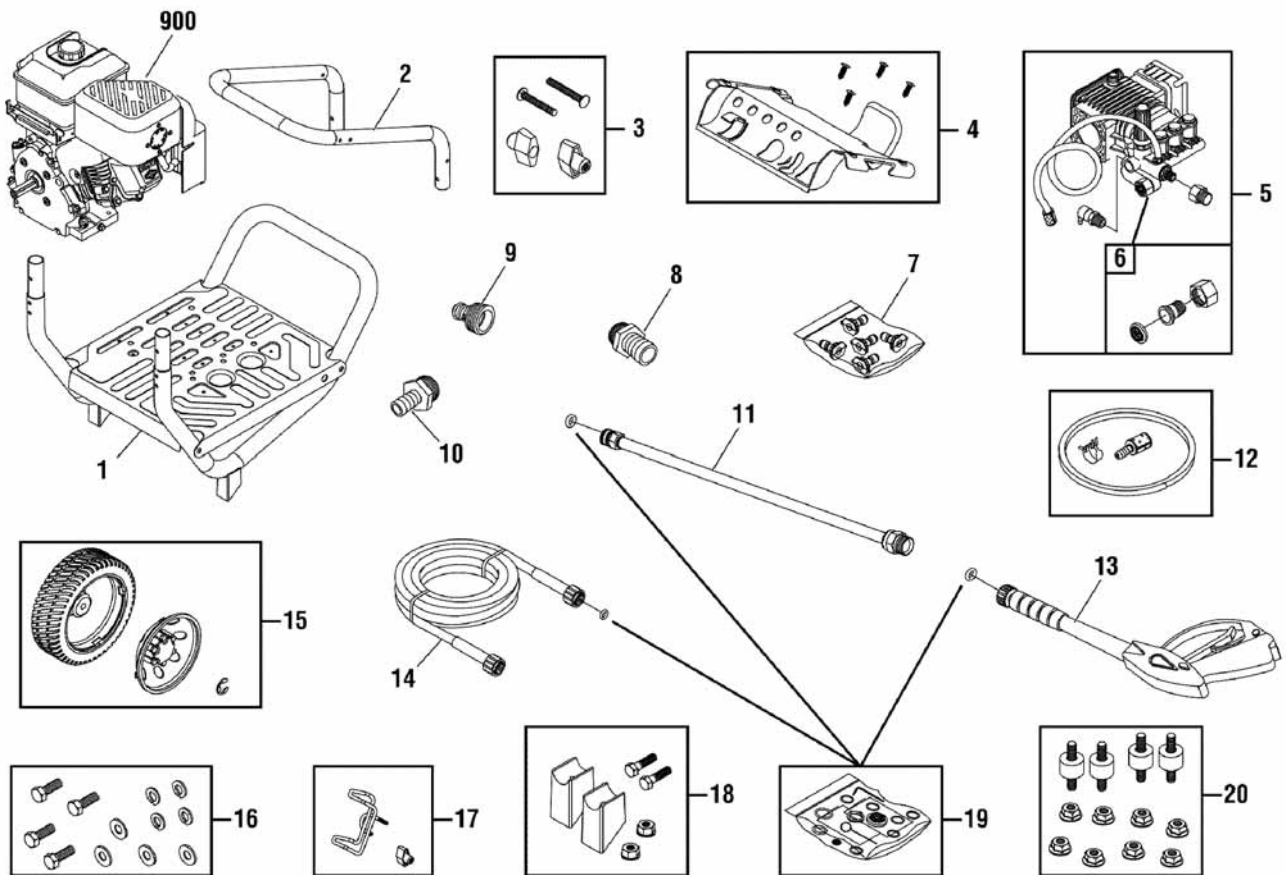
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## Main Unit

315277

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



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	315563GS	BASE	10	192014GS	FITTING, 1/2
2	201499BSGS	HANDLE	11	207785GS	EXTENSION, QC
3	B2203GS	KIT, Hardware, Handle	12	192796GS	HOSE, Chemical
4	315269GS	BILLBOARD	13	199990GS	GUN
--	B1797GS	CLIPS	14	209283GS	HOSE
5	314816GS	PUMP	15	203083GS	KIT, Wheel
--	208673GS	VALVE, Thermal Relief	--	200520GS	HUBCAP
--	314605GS	CONNECTOR	--	192050GS	E-RING
6	199310GS	ADAPTER, Garden Hose	16	202771GS	KIT, Hardware, Pump Mounting
7	315280GS	KIT, QC Nozzles	17	201661GS	WIREFORM
--	195983SGS	NOZZLE, QC Red	18	209884GS	KIT, Vibration Mount
--	195983TGS	NOZZLE, QC Yellow	19	196002GS	KIT, O-Ring
--	195983UGS	NOZZLE, QC Green	20	192134GS	KIT, Vibration Mount
--	195983VGS	NOZZLE, QC White	900	----	* ENGINE
--	198841GS	NOZZLE, QC Black	--	315274GS	MANUAL, Operator (Not Illustrated)
8	192015GS	FITTING, 3/4	--	199272GS	OIL (Not Illustrated)
9	95456GS	QC, Male	--	201314GS	AXLE (Not Illustrated)

### Footnotes

\* Contact Engine Manufacturer for parts and service.

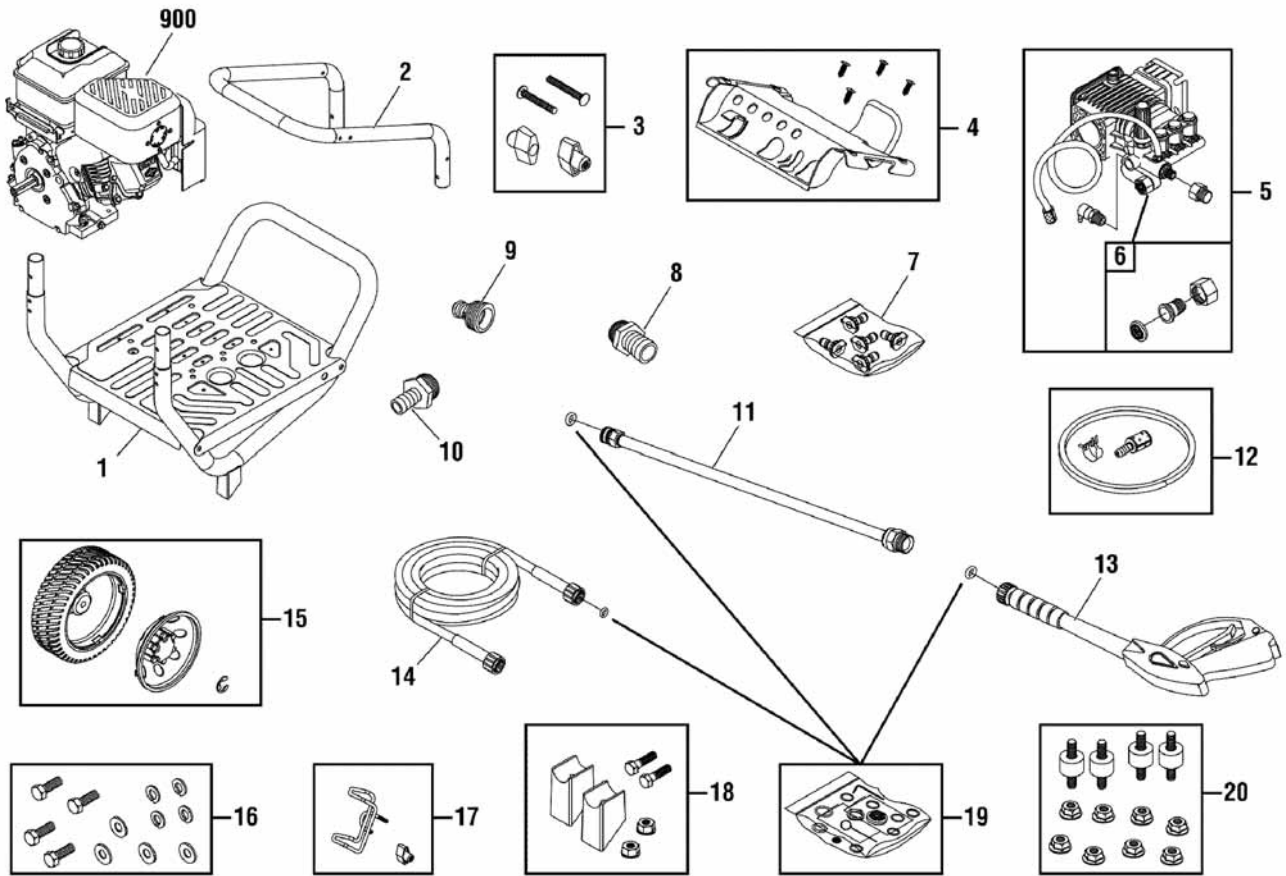
**The above parts group applies to the following Mfg. Nos.:**

020478-0 - 3,200 PSI Briggs & Stratton

# Main Unit

315277

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



REF. PART NO.	DESCRIPTION	REF. PART NO.	DESCRIPTION
-- 202518GS	DECAL, Air Cleaner (Not Illustrated)		
-- 200171GS	TAG, Warning (Not Illustrated)		
-- 6039	PUMP SAVER (Optional Accessory)		

## Footnotes

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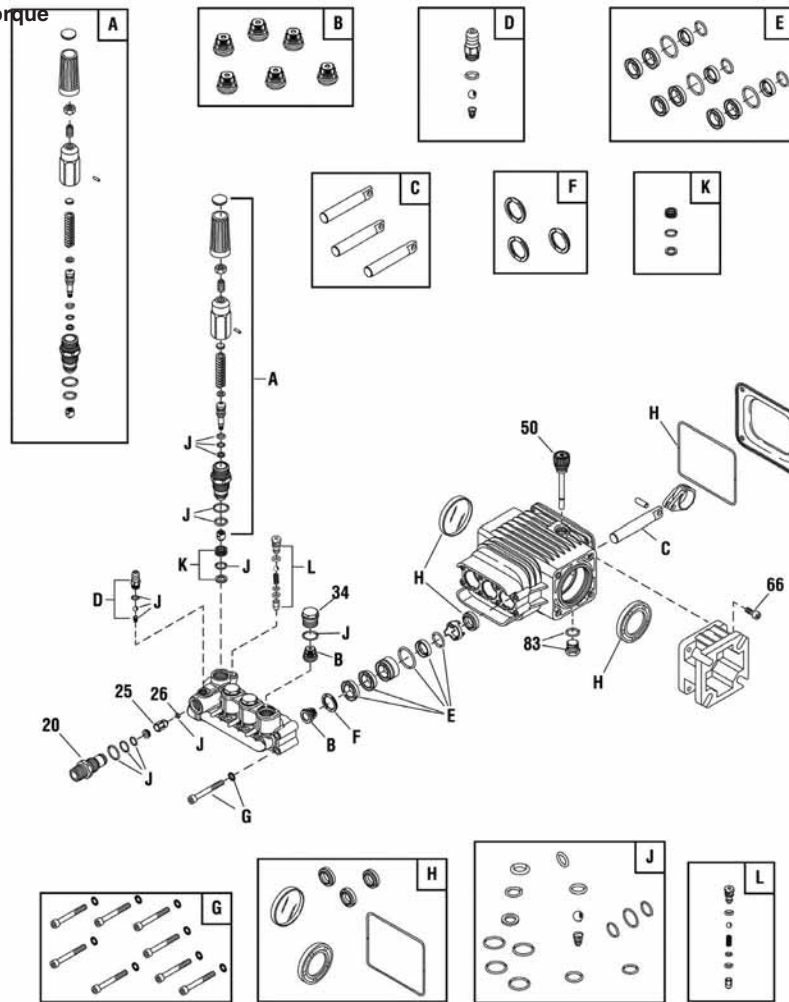
The above parts group applies to the following Mfg. Nos.:

020478-0 - 3,200 PSI Briggs & Stratton

# Pump

202302

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



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
20	198851GS	INJECTER-DETERGENT	L	202800GS	* KIT, Unloader
25	204860GS	JET	--	B2384GS	FILTER, Garden Hose (Not Illustrated)
26	204859GS	O-RING	--	6039	PUMP SAVER (Optional Accessory)
34	198850GS	CAP-CHECK VALVE	--	6033	OIL (Optional Accessory)
50	198849GS	DIPSTICK			
66	198297GS	SCREW			
83	203034GS	PLUG, Drain			
A	198736GS	* KIT, Unloader			
B	198843GS	* KIT, Check Valve			
C	198844GS	* KIT, Piston			
D	192914GS	* KIT, Chemical Injection			
E	198845GS	* KIT, Water Seal			
F	198848GS	* KIT, Support Ring			
G	198852GS	* KIT, Hardware			
H	198846GS	* KIT, Oil Seals			
J	198847GS	* KIT, O-Ring			
K	202902GS	* KIT, Unloader Seat			

## Footnotes

\* Service Kit includes all parts shown in box.

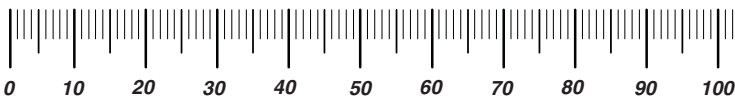
**The above parts group applies to the following Mfg. Nos.:**

020478-0 - 3,200 PSI Briggs & Stratton

# 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

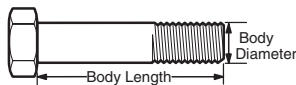
The guides and ruler furnished below are designed to help you select the appropriate hardware.



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

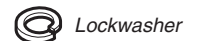
- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock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