



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
1-888-611-6708 M-F 8-5 CT

Troy-Bilt® is a registered trademark of MTD Products Inc and is used under license to Briggs & Stratton Power Products, LLC.

Model

Mfg. No.	Description
020568-00	2,800 PSI Troy-Bilt

Manual Part No. 1758142

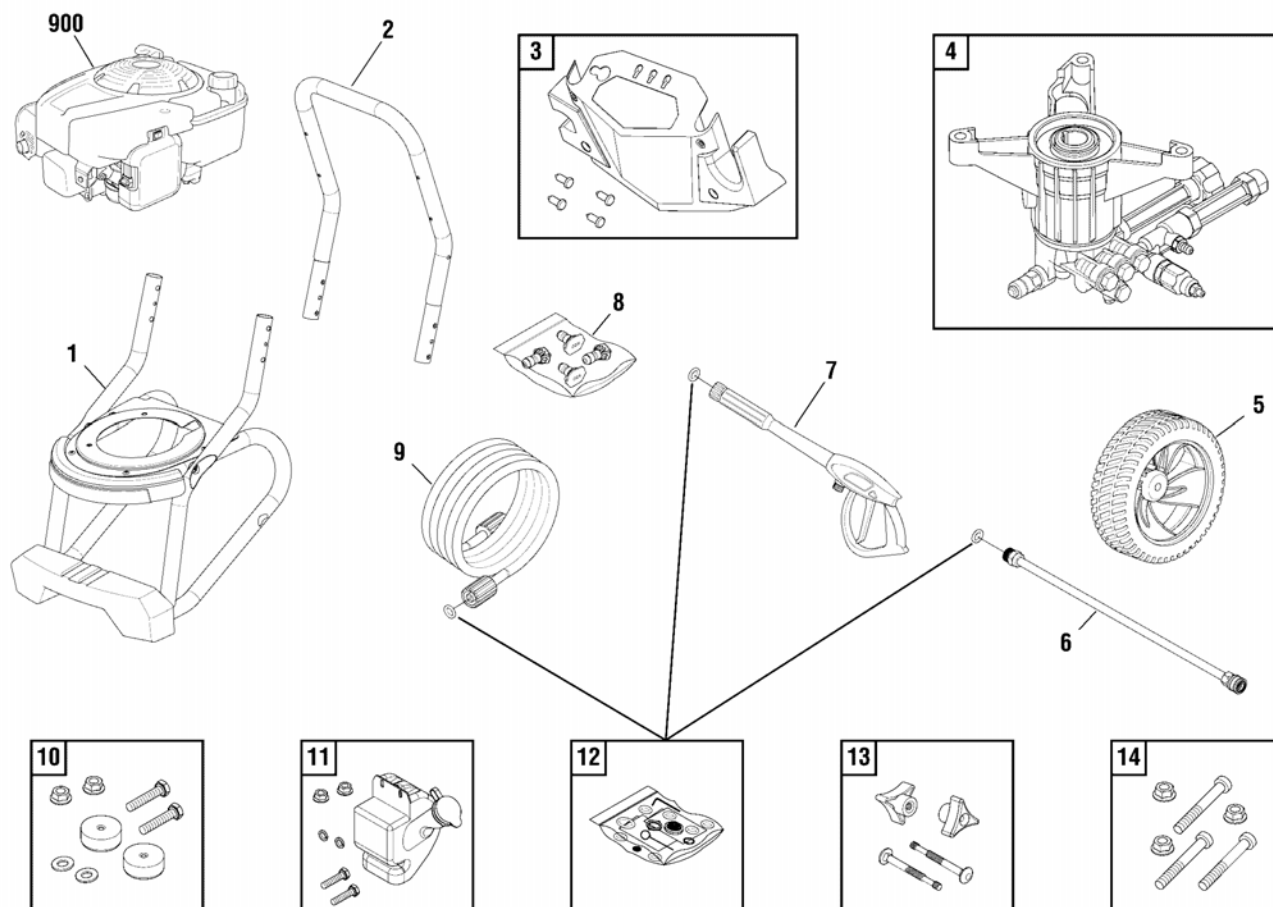
Revision A

Rev. Date: 4/8/2014

Main Unit

80008001

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



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	315745GS	BASE	11	315914GS	TANK-CHEMICAL
2	310629BVGs	HANDLE	--	312369GS	CAP-CHEMICAL TANK
3	704674	BILLBOARD	12	196002GS	KIT-O-RINGS
--	195964GS	CLIP	13	311896GS	KIT-HARDWARE HANDLE
4	704676	PUMP	14	315139GS	KIT-HARDWARE PUMP MOUNTING
--	B2384GS	FILTER	900	----	** ENGINE
--	208673GS	VALVE-THERMAL RELIEF	--	100005GS	OIL (Not Illustrated)
5	313837GS	WHEEL	--	23139GS	KEY (Not Illustrated)
6	207784GS	EXTENSION-QC	--	315543GS	PUSHNUT (Not Illustrated)
7	319853GS	GUN	--	A1040RGS	HOSE-CHEMICAL (Not Illustrated)
8	704675	KIT-QC NOZZLES	--	314957GS	AXLE (Not Illustrated)
--	195983AEGs	NOZZLE-QC RED	--	194256GS	TAG-WARNING (Not Illustrated)
--	195983ABGS	NOZZLE-QC YELLOW	--	6039	PUMP SAVER (Optional Accessory - Not Included)
--	195983ZGS	NOZZLE-QC WHITE			
--	198841GS	NOZZLE-QC BLACK			
9	196006GS	HOSE			
10	192310GS	MOUNT-VIBRATION			

Footnotes

** Contact engine manufacturer for parts and service.

The above parts group applies to the following Mfg. Nos.:
020568-00 - 2,800 PSI Troy-Bilt

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

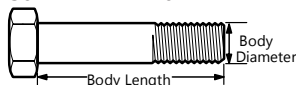
The guides and ruler furnished below are designed to help you select the appropriate hardware.



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).

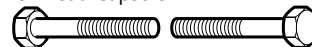
Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 SAE Grade 2		 SAE Grade 5		 SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	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

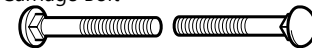


Washer



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



Briggs & Stratton Power Products Group, LLC

Copyright© 2014 Briggs & Stratton Power Products Group, LLC. All rights reserved. No part of this page can be reproduced or transmitted in any form by any means without the express written permission of Briggs & Stratton Power Products Group, LLC.