



Illustrated Parts List

Pressure Washer / Lavadora de Presión



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!
Preguntas? La ayuda es justa un momento lejos!
Call: Pressure Washer Helpline

Llame: Línea Directa del Lavadora a Presión - 1-888-611-6708 M-F 8-5 CT

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Model / Modelo

Mfg. No.	Description / Descripción
020344-2	2,500 PSI Troy-Bilt

Manual Part No. 209751

Revision H

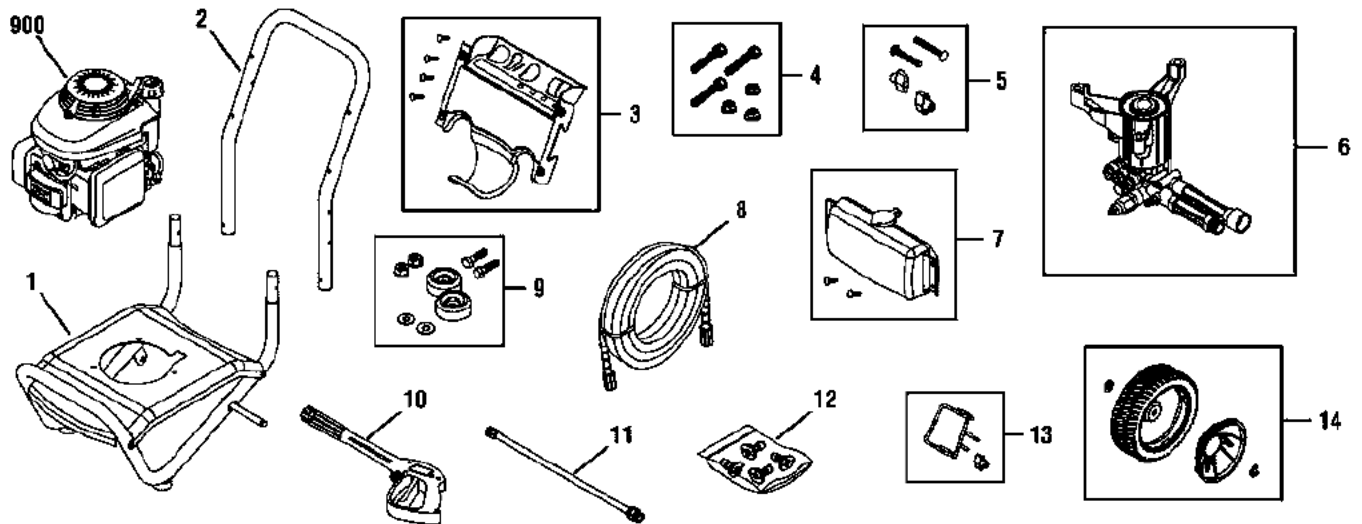
Rev. Date: 12/9/2011

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Main Unit

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

208046S



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
1	310039GS	BASE	--	195983AKGS	NOZZLE, QC, Yellow
--	205413GS	AXLE	--	195983AMGS	NOZZLE, QC, White
2	P199110GS	HANDLE	--	195983AJGS	NOZZLE, QC, Red
3	208036GS	BILLBOARD	--	198841GS	NOZZLE, QC, Black
--	B1797GS	KIT, Tree Clips	13	201661GS	WIREFORM
4	200199GS	KIT, Hardware, Pump Mounting	14	202477GS	KIT, Wheel
5	B2203GS	KIT, Hardware, Handle	--	200519GS	HUBCAP
6	202274GS	PUMP	--	192050GS	E-RING
7	205369GS	TANK, Chemical	900	----	* ENGINE
--	192980GS	KIT, Fuel Valve	--	208040GS	MANUAL, Operator's (Not Illustrated)
--	B1797GS	CLIP	--	23139GS	KEY (Not Illustrated)
--	B3222EGS	CAP, Chemical Tank	--	208673GS	VALVE, Thermal Relief (Not Illustrated)
8	196006GS	HOSE	--	BB3061BGS	OIL (Not Illustrated)
9	192310GS	MOUNT, Vibration	--	A1040NGS	HOSE, Chemical (Not Illustrated)
10	204627GS	GUN	--	208538GS	DECAL, Warning Spark (Not Illustrated)
11	200595GS	EXTENSION, QC	--	194256GS	TAG, Warning (Not Illustrated)
12	208041GS	KIT, QC Nozzles	--	6039	PUMP SAVER (Optional Accessory)

Footnotes

* Contact Engine Manufacturer for parts and service.

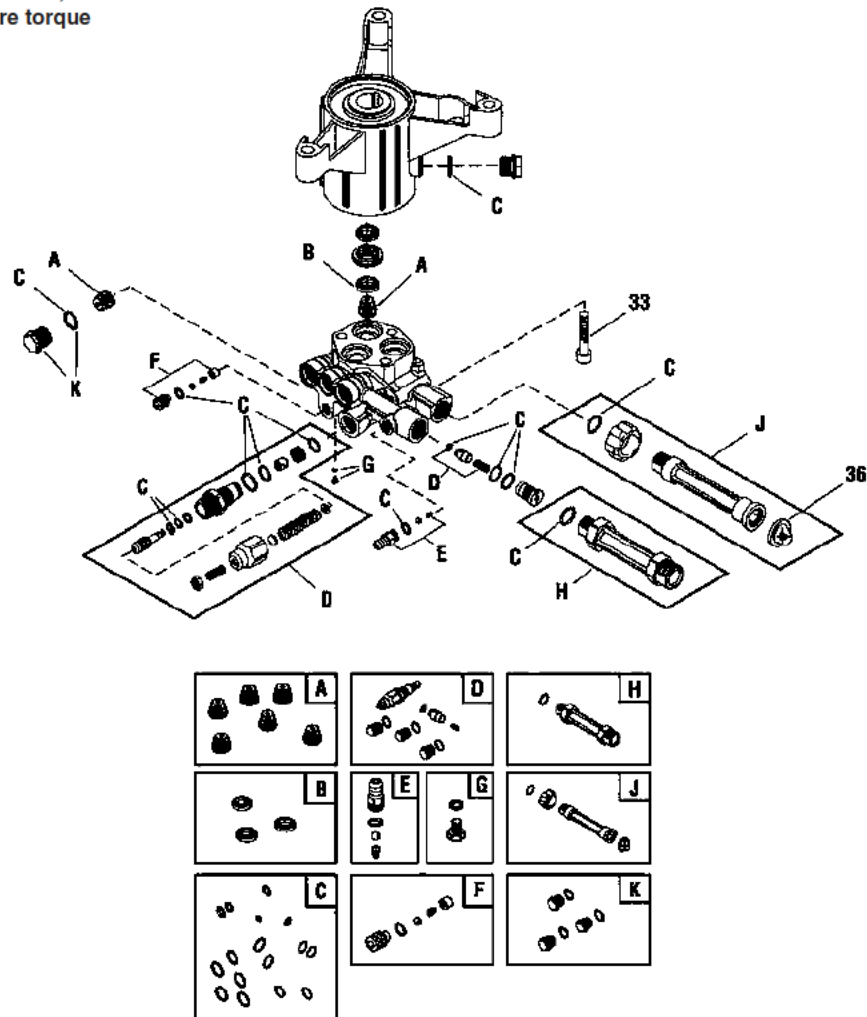
The above parts group applies to the following Mfg. Nos.:

020344-2 - 2,500 PSI Troy-Bilt

Pump

201112SRV

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



REF.	PART NO.	DESCRIPTION	REF.	PART NO.	DESCRIPTION
33	200275GS	SCREW			
36	B2384GS	FILTER, Garden Hose			
A	200344GS	* KIT, Check Valve			
B	200345GS	* KIT, Water Seal			
C	200346GS	* KIT, O-Ring			
D	315747GS	* KIT, Unloader			
E	192914GS	* KIT, Chemical Injection			
F	200349GS	* KIT, Easy Start			
G	200350GS	* SCREW, Grub			
H	201497GS	* FITTING			
J	201496GS	* KIT, Water Inlet			
K	317056GS	* KIT, Plug			
--	208673GS	VALVE, Thermo Relief (Not Illustrated)			
--	6039	PUMP SAVER (Optional Accessory)			
--	6033	OIL BOTTLE (Optional Accessory)			

Footnotes

* Service Kit includes all parts shown in box.

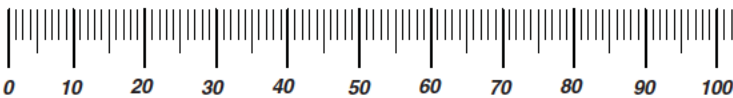
The above parts group applies to the following Mfg. Nos.:

020344-2 - 2,500 PSI Troy-Bilt

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

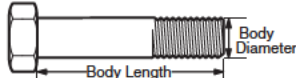
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

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

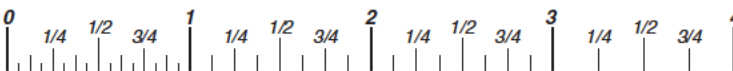
Nut, 1/2-16



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

Carriage Bolt



Lockwasher



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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