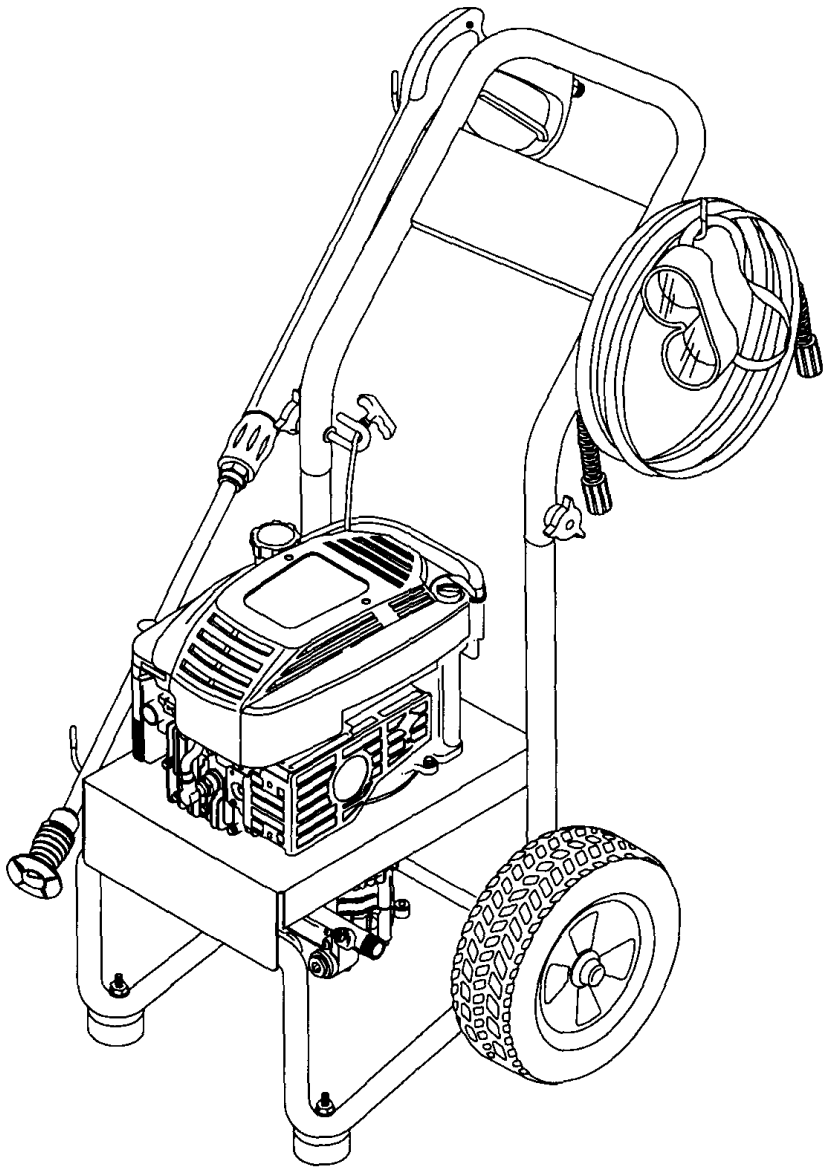
Parts Manual

Mfg. No: 1040-3
2,000 PSI



Copyright © Briggs & Stratton. All Rights reserved

Model Components

Page

Pressure Washer. 4
Pump. 6
Torque Specification Chart. 10

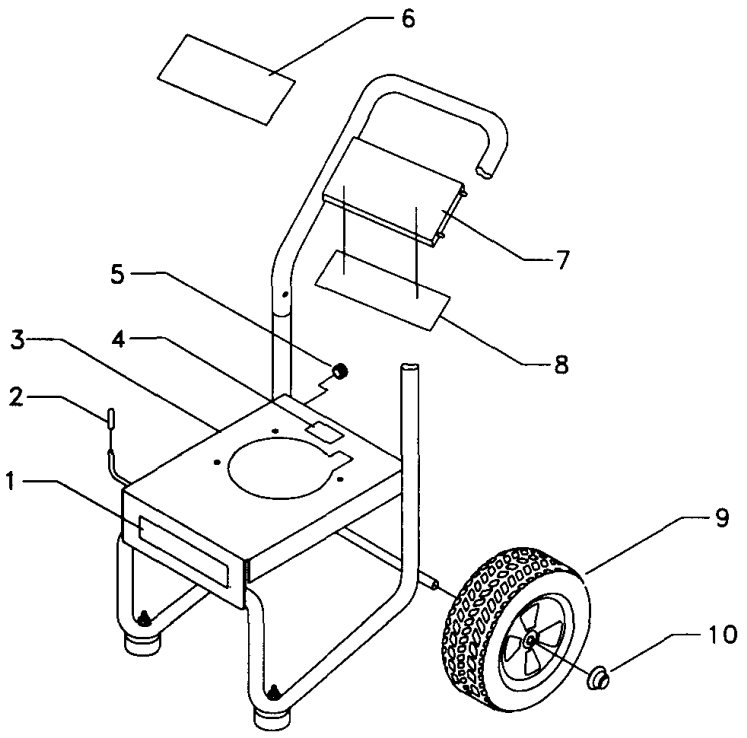
Not For Reproduction

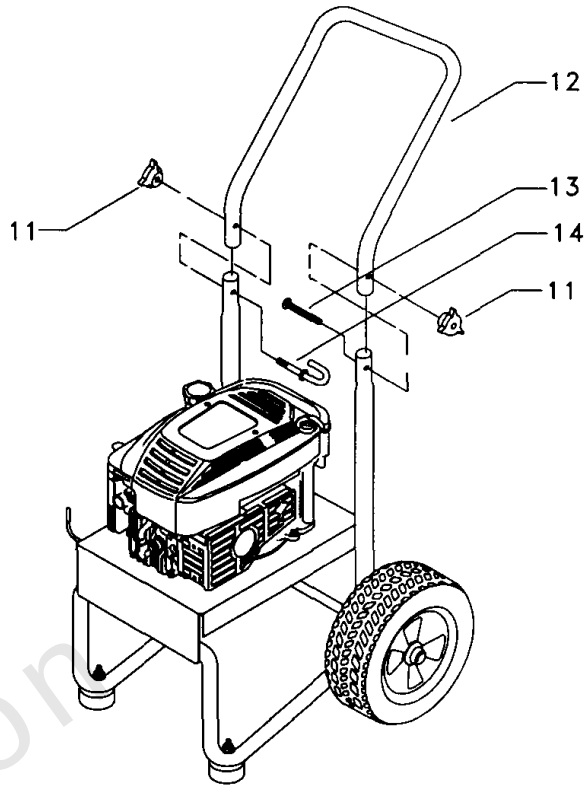
Copyright © Briggs & Stratton. All Rights reserved

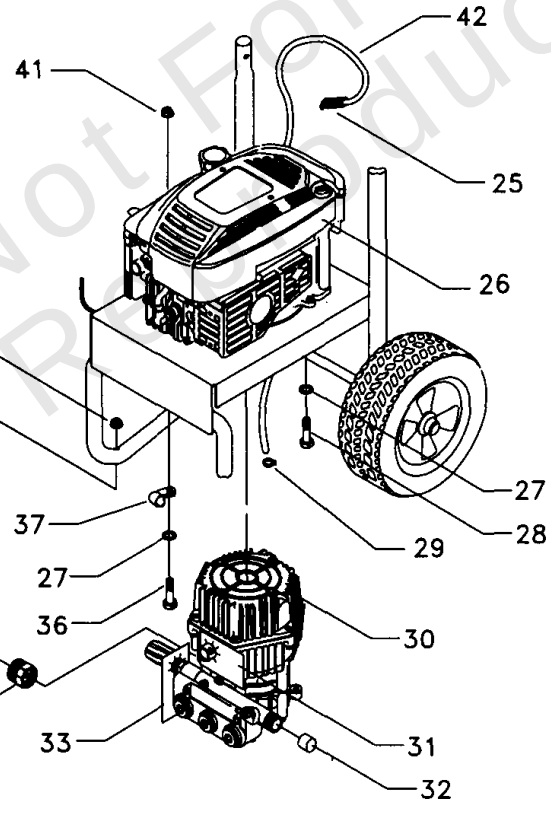
Pressure Washer

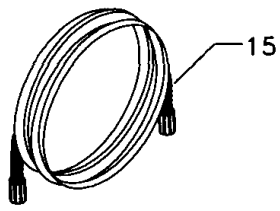
Note: Unless noted otherwise, use the standard torque specifications

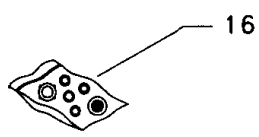
Mfg. No: 1040-3

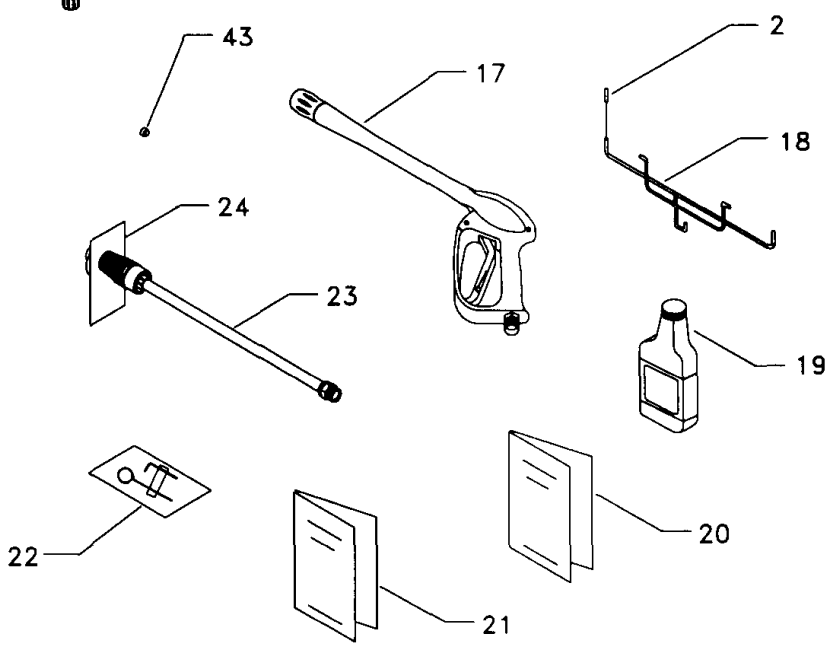












Not For Reproduction

Pressure Washer

REF NO	PART NO	QTY	DESCRIPTION
1	B2192	1	DECAL, GENERAC
2	B1460	3	CAP, Vinyl Black
3	AB2058	1	BASE, VSPW
4	20566	1	DECAL, 1-800 Number
5	30809	1	GROMMET, Chem Hose
6	B2060	1	DECAL, Logo 2000 PSI
7	B1631B	1	BILLBOARD, Plastic
8	B1932	1	DECAL, Instructions
9	81760	2	TIRE, 3.5" X 10" Black Mag
10	75402	2	PUSHNUT, 1/2"
11	97178	2	KNOB, PW Handle
12	AB1945	1	HANDLE, VS PW
13	31669	1	BOLT, 1/4-20 X 1.75 Carriage
14	B1730	1	BOLT, Eye
15	B3607	1	HOSE, 1/4" X 25'
16	B3057	1	KIT, O-Ring Maintenance
17	B3263	1	GUN, High Pressure
18	B1953A	1	WIREFORM
19	BB3061B	1	OIL, 20oz
20	B4561	1	MANUAL, Owners
21	B3356	1	MANUAL, B & S Engine
22	B2163	1	KIT, Nozzle Cleaning
23	B3335GS	1	WAND, Adjustable Nozzle
24	97566	1	HANG TAG, Nozzle
25	A1041	1	FILTER, Chemical Hose
26	-----	1	ENGINE NON SERVICEABLE PART
27	-----	3	WASHER, Flat, 5/16
28	52265	1	HHCS, M8 x 65
29	48031G	1	CLAMP, Hose 3/1 6"
30	-----	1	PUMP ASSEMBLY -(For replacement, order 193461GS)
30	193461GS	1	REPLACEMENT PUMP ASSEMBLY -(Must also order 208673GS Thermal Relief Valve)
30	208673GS	1	VALVE, Relief, Thermal
31	B1288	1	TAG, Pump Breather Cap
32	97100	1	CAP, High Pressure
33	97054	1	TAG, Pressure Adjust
34	21424	1	CONNECTOR, Garden Hose
35	A1408	1	CAP, Garden Hose Inlet
36	39414	2	HHCS, M8 x 35
37	B1232	1	CLAMP, Hose
38	B1214	2	HHCS, M8 X 1.25 X 45 Long
39	50190	2	WASHER, M8 Flat
40	27007	2	MOUNT, Rubber Foot
41	52858	5	NUT, M8 Locking Flange
42	A1040C	1	HOSE, Chemical
43	21761	1	NOZZLE, 1.05 Yellow Replacement

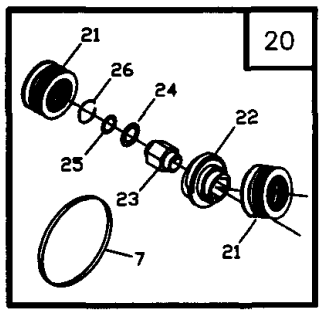
Not For Reproduction

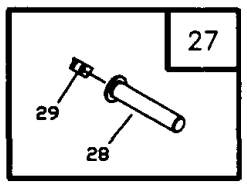
Copyright © Briggs & Stratton. All Rights reserved

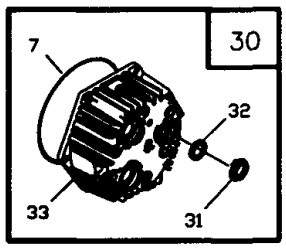
Pump

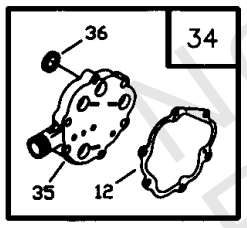
Note: Unless noted otherwise, use the standard torque specifications

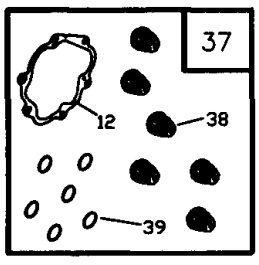
Mfg. No: 1040-3

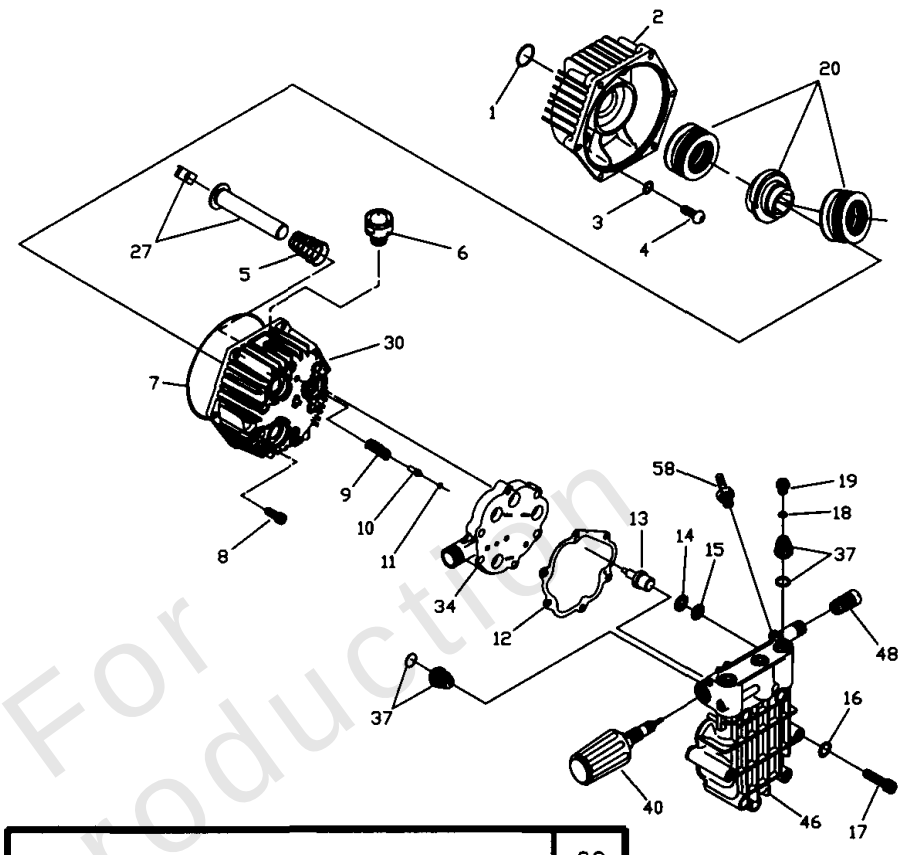


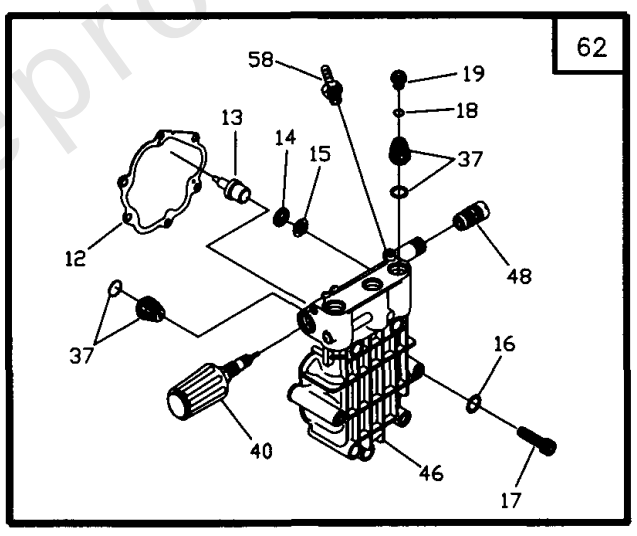


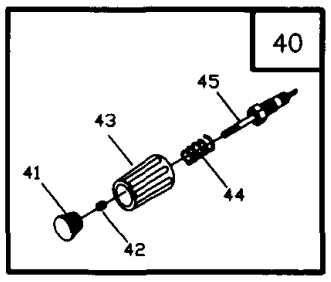


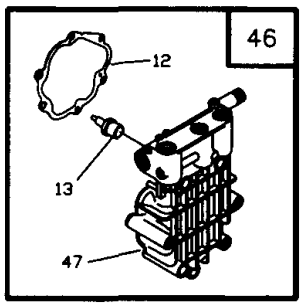


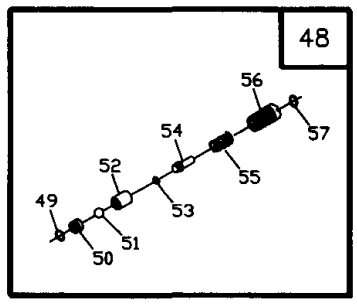


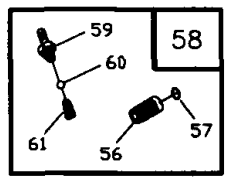


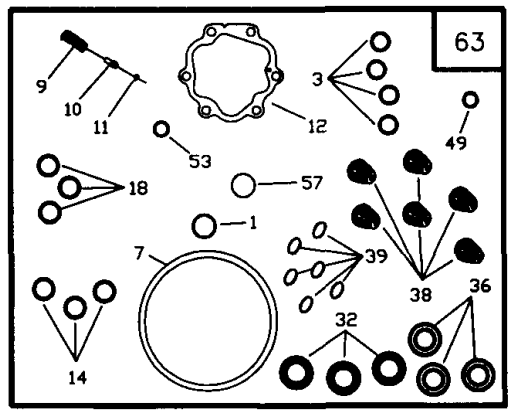












Not For Reproduction

Copyright © Briggs & Stratton. All Rights reserved

Pump

REF NO	PART NO	QTY	DESCRIPTION
1	B3287	1	O-RING, 1.62 I.D. x .12
2	B2260	1	ADAPTER, Engine
3	B2217	4	O-RING, 0.239 ID x 0.070
4	B2261B	4	SCREW, Button Hd 5/16 - 24 x 3/4" Lg
5	96400	3	SPRING, Piston Return
6	99735	1	ASSEMBLY, Oil Breather
7	93790	1	O-RING, 114 x 119 x 2.6
8	40945	6	SHCS, M6 x 1.0 x 20mm Lg
9	93652	1	SPRING, Thermal By-Pass
10	95416	1	PISTON, Thermal By-Pass
11	93876	1	O-RING, 2.9 x 6.5 x 1.78
12	A2069	1	GASKET, Head
13	93644	1	ACTUATOR, Thermal By-Pass
14	96053	3	SEAL, High Pressure
15	96015	3	RING, Bearing
16	B2665	6	WASHER, Steel Special
17	A2013	6	BOLT, Head M8 x 1.25 x 70mm Lg
18	97840	3	O-RING, Cap 15.6 x 19.16 x 1.78
19	97841	3	CAP, Outlet Port
20	B4229	0	KIT, Axial Cam 7/8" - 6.0 Lift
21	-----	2	BEARING SET, Thrust 15.5
22	-----	1	CAM, Axial 6.0 Lift
23	-----	1	ADAPTER, Engine
24	-----	1	WASHER, Thrust
25	-----	1	RETAINER, Push - On
26	-----	1	C-RING, Cam Retainer
27	B3478	0	KIT, Piston/Shoe
28	-----	3	ASSY., Ceramic Piston & Cap
29	-----	3	SHOE, Piston Pivot
30	B3508	0	KIT, Crankcase
31	-----	3	SPACER, Pilot
32	-----	3	SEAL, Oil Piston
33	-----	1	MODULE, Throttle Control (See Electrical Group)
34	B3509	0	KIT, Spacer Plate
35	-----	1	SPACER, Inlet Plate
36	-----	3	SEAL, High Pressure Dbl. Lip
37	B3513	0	KIT, Check Valve
38	-----	6	ASSY., Check Valve
39	-----	6	O-RING, Check Valve 12.4 x 15.56 x 1.78
40	B3479	0	KIT, Unloader Spindle
41	-----	1	CAP, Plastic
42	-----	1	SET SCREW, M6 x 8 Lg
43	-----	1	HANDLE, Unloader
44	-----	1	SPRING, Unloader
45	-----	1	ASSY., Spindle
46	B3507	0	KIT, Head
47	-----	1	ASSY., Pump Head -(Med. Frame)
48	B3510	0	KIT, High Pressure Outlet
49	-----	1	O-RING, Spindle 6 x 10 x 1.78
50	-----	1	SEAT, Ball Unloader

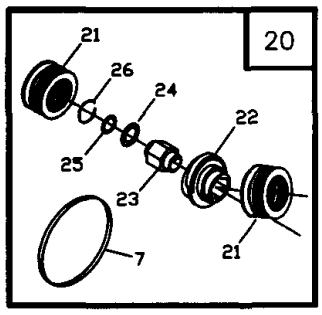
Not For Reproduction

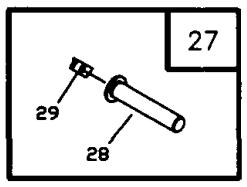
Copyright © Briggs & Stratton. All Rights reserved

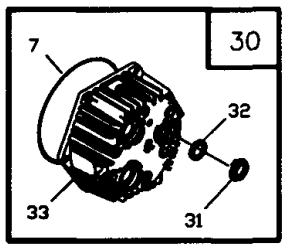
Pump

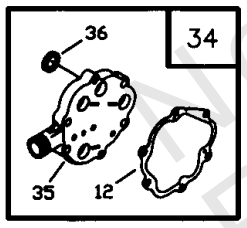
Note: Unless noted otherwise, use the standard torque specifications

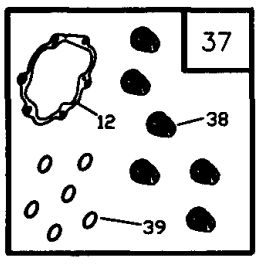
Mfg. No: 1040-3

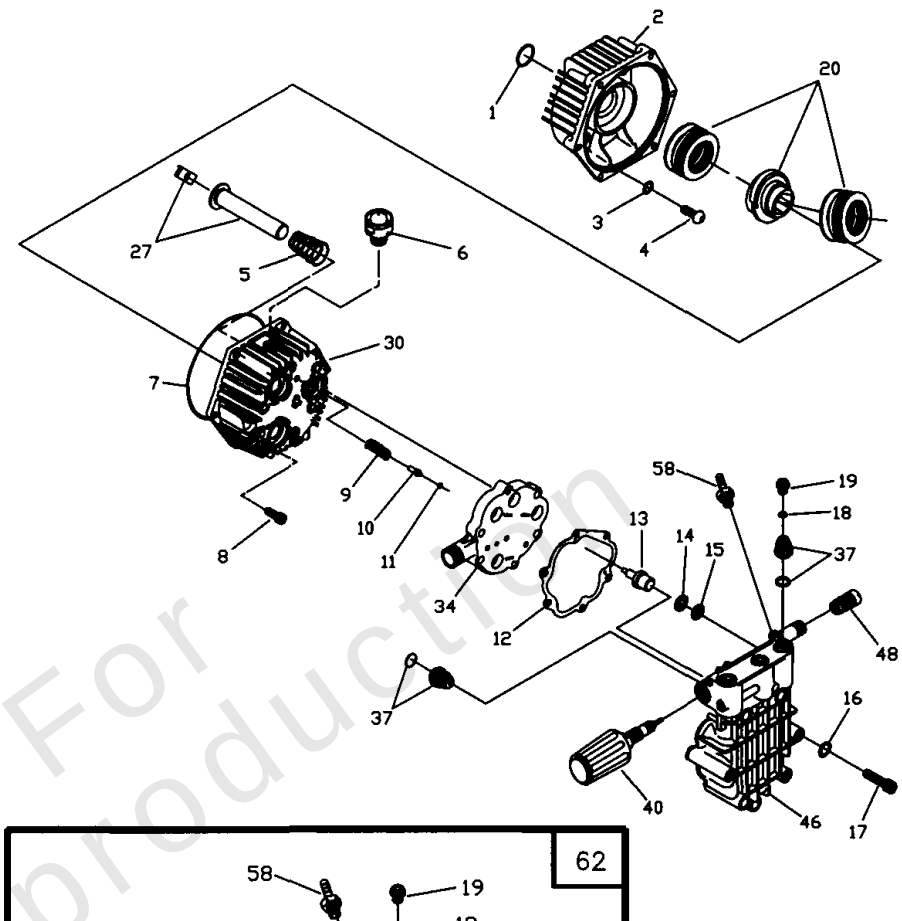


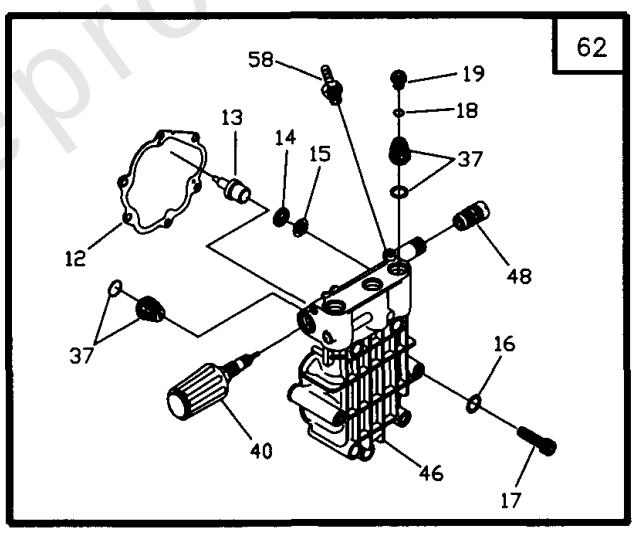


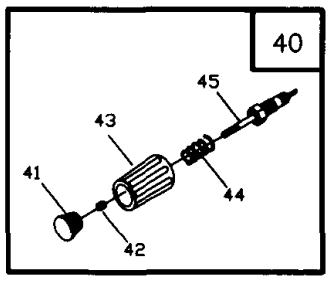


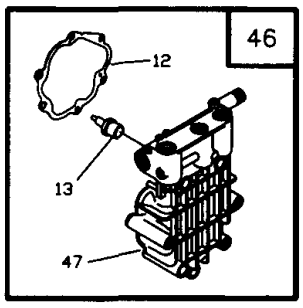


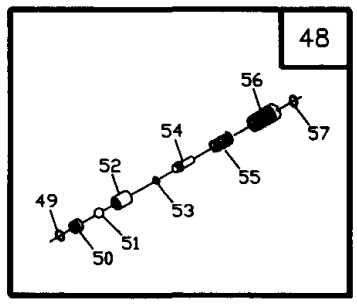


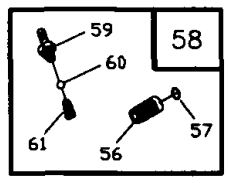


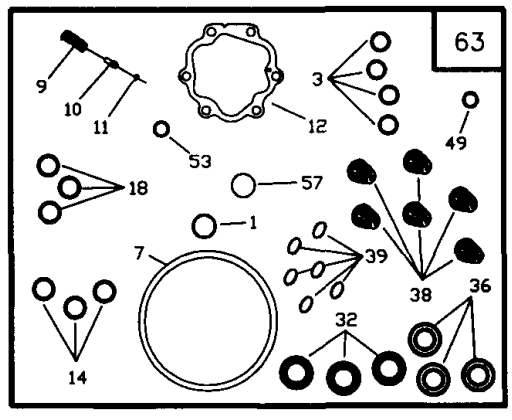












Not For Reproduction

Copyright © Briggs & Stratton. All Rights reserved

Pump

REF NO	PART NO	QTY	DESCRIPTION
51	-----	1	BALL, Stainless Steel 9/32 Dia.
52	-----	1	SEAT, Trapped Line Pressure
53	-----	1	O-RING, 3.68 x 7.24 x 1.78
54	-----	1	VALVE, Shuttle Piston
55	-----	1	SPRING, Piston Trapped Pressure
56	-----	1	VENTURI, Chemical
57	-----	1	O-RING, Venturi 10.82 x 14.38 x 1.78
58	B3829	0	ASSY., Chemical Injector
59	-----	1	BARB HOSE, Brass with Nylon Insert
60	-----	1	BALL, 5.5 dia. Chemical Injector
61	-----	1	SPRING, Chemical Injector
62	B3480	0	KIT, Complete Head
63	B3514	0	KIT, O-Ring/Seals

Not For Reproduction

Copyright © Briggs & Stratton. All Rights reserved

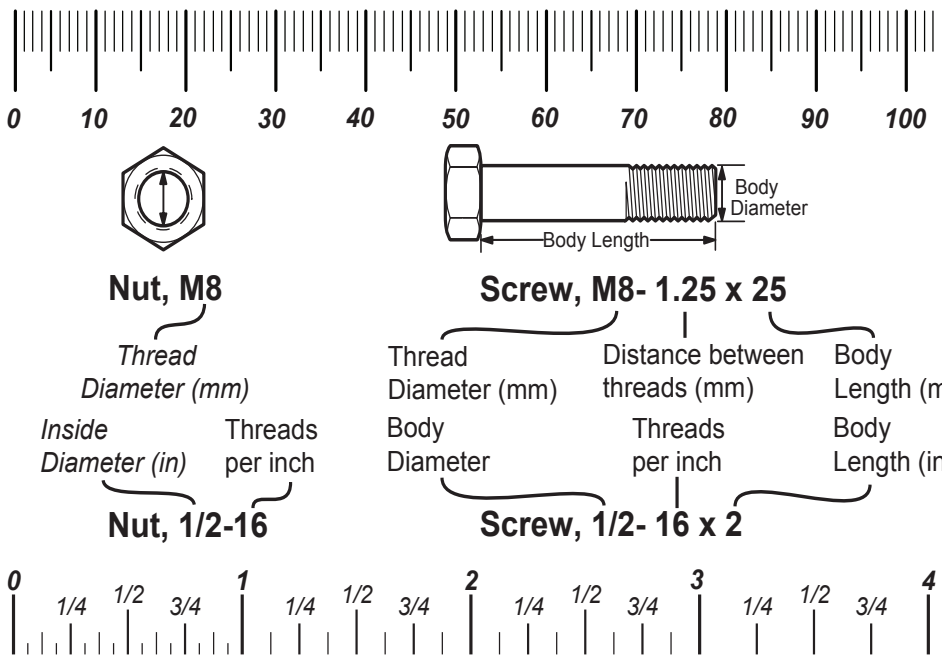
Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)

Property Class	5.6 Class 5.6		8.8 Class 8.8		10.9 Class 10.9		12.9 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.



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, (distance between threads).* The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart

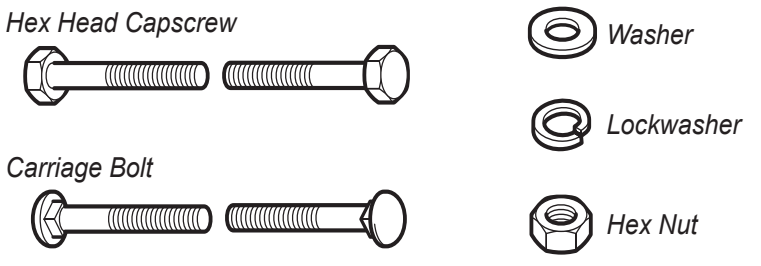
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks SAE Grade 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

1. 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.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Common Hardware Types



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—22 mm

Copyright © Briggs & Stratton. All Rights reserved