



Parts Manual

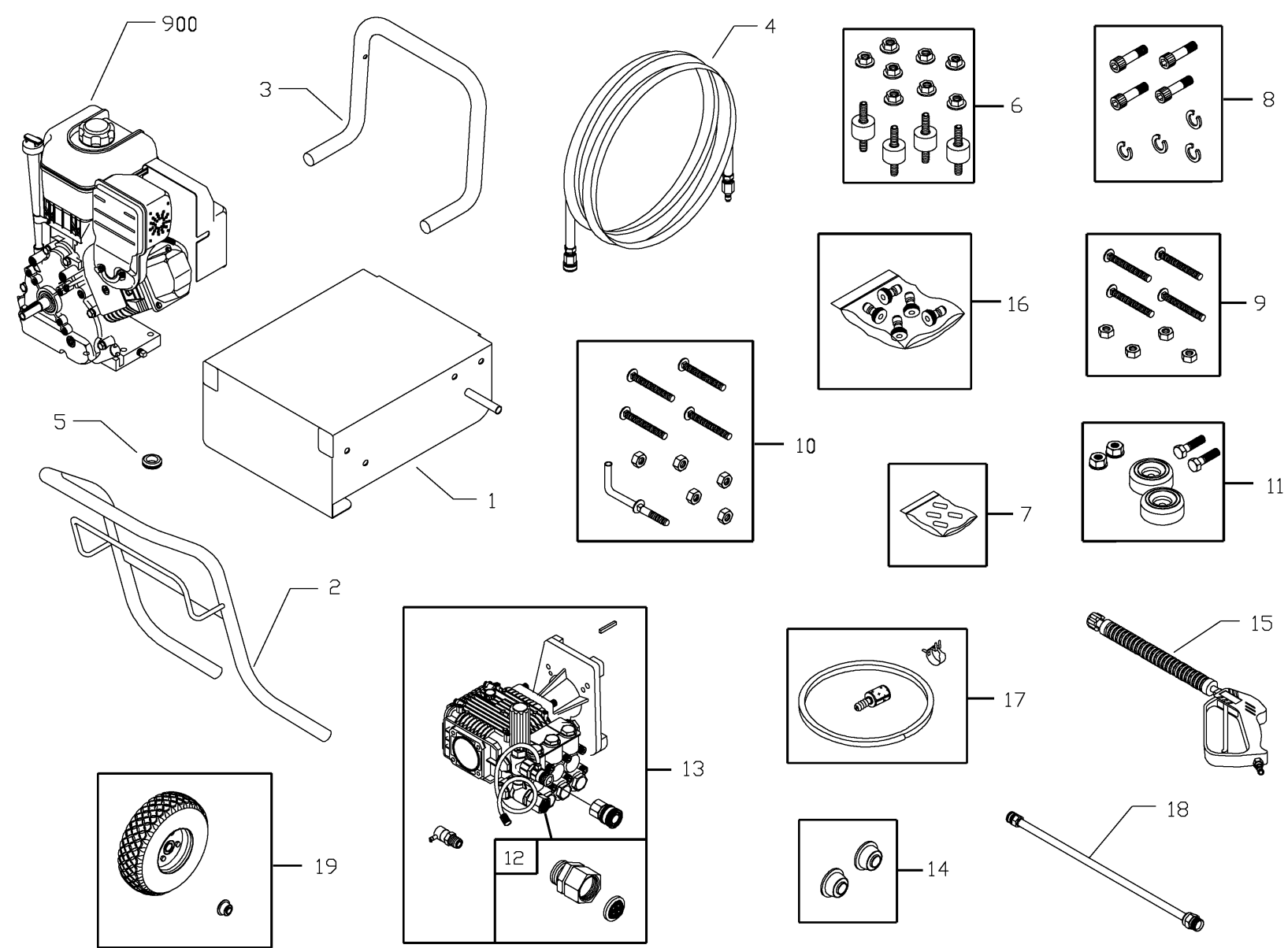
Mfg. No: 01808-0
3,400 PSI

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Main Unit

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 01808-0



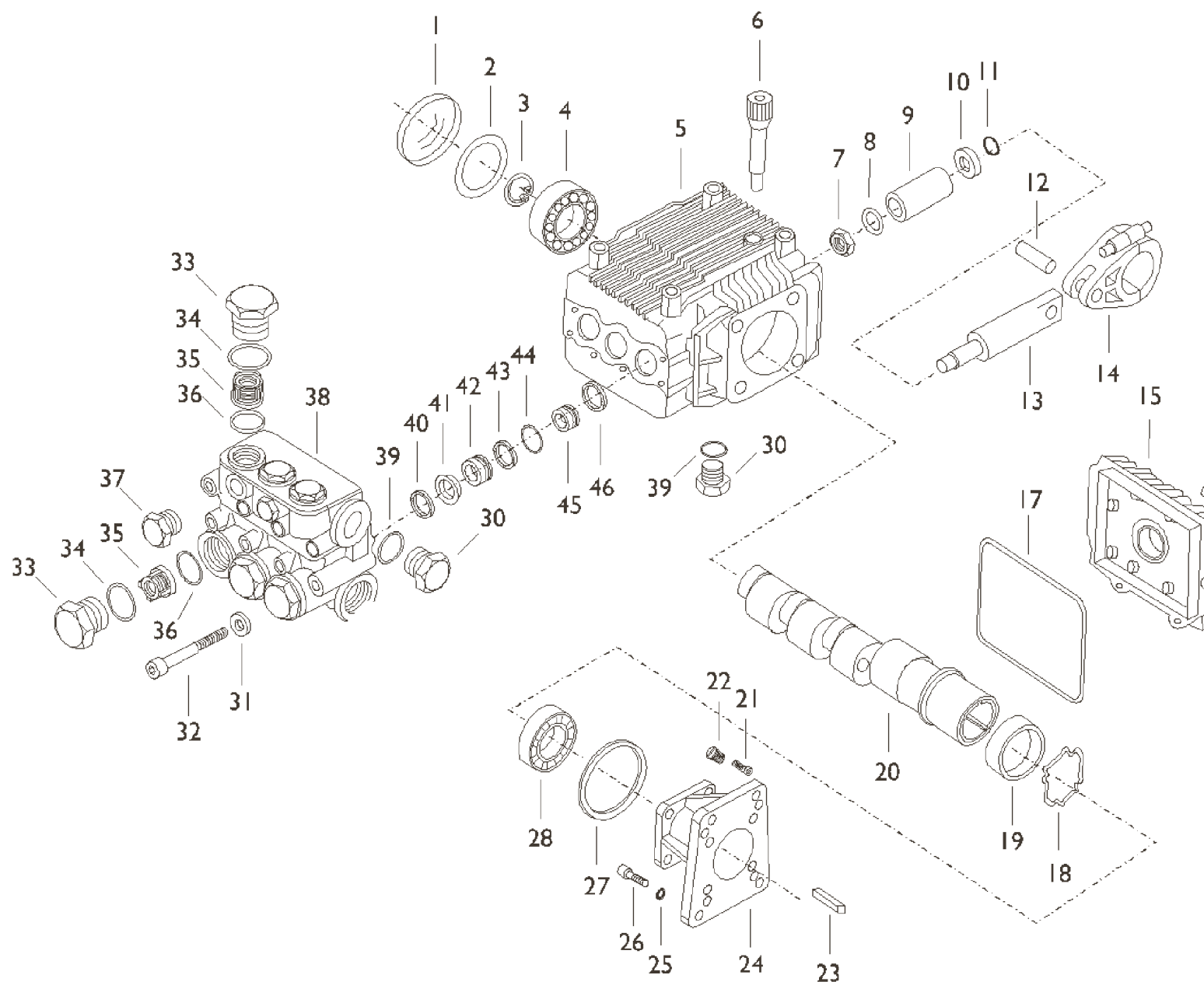
Main Unit

REF NO	PART NO	QTY	DESCRIPTION
1	B192991GS		Base
2	CB3861CGS		Handle
3	CB4105GS		Bumper
4	B4805GS		Hose
5	30809GS		GROMMET
6	192134GS		Kit, Engine Mounting Hardware
7	192126GS		Kit, Vinyl Cap
8	192132GS		Kit, Pump Mounting Hardware
9	B4196GS		Kit, Handle Hardware
10	192910GS		Kit, Bumper Mounting Hardware
11	192553GS		Kit, Vibration Mount
12	194004GS		Kit, Garden Hose Inlet
13	195081GS		Assy., Pump Complete
	95458GS		Fitting, QC
	195016GS		Valve, Thermal Relief
	63281GS		Key
14	194062GS		Kit, Pushnuts
15	B1436BGS		Gun
16	B4847GS		Kit, Nozzles
	191903AGS		Nozzle, QC, Red
	191903BGS		Nozzle, QC, Yellow
	191903CGS		Nozzle, QC, Green
	191903DGS		Nozzle, QC, White
	191903ZZGS		Nozzle, QC, Black
17	192796GS		Kit, Chemical Hose/Filter
18	200595GS		Wand
19	192526GS		Kit, Wheel
900	-----		Engine -Contact Engine Manufacturer
	BB3061GS		Oil Bottle -Parts Not Illustrated
	193142GS		Manual, Operator's -Parts Not Illustrated
	MS3430		Manual, Engine -Parts Not Illustrated
	195071GS		Kit, Decal, Service -Parts Not Illustrated
	6048		Kit, O-Ring Maintenance -Optional Accessories
	6039		Pump Saver -Optional Accessories

Pump (1808-0)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 01808-0



Pump (1808-0)

REF NO	PART NO	QTY	DESCRIPTION
1	110B2126GS	1	Cap
2	10887628PGS	1	Circlip
3	112B2126GS	1	Snap Ring
4	113B2126GS	1	Bearing
5	109B2126GS	1	Pump Body
6	11287628PGS	1	Oil Cap/Dipstick
7	11087822PGS	3	Nut
8	11187822PGS	3	Piston Washer
9	123B2126GS	3	Piston
10	11687628PGS	3	Spacer Disc
11	11587628PGS	3	O-Ring
12	115B2126GS	3	Piston Pin
13	120B2126GS	3	Guiding Piston
14	119B2126GS	3	Con Rod
15	118B2126GS	1	Complete Rear Cover
16	117B2126GS	6	Screw
17	116B2126GS	1	O-Ring
18	12687628PGS	1	Snap Ring
19	12587628PGS	1	Bearing
20	-----	1	* Hollow Shaft
21	155B2327GS	4	Screw
22	152B2126GS	1	Grub Screw
23	63281GS	1	Key
24	150B2126GS	1	Gas Engine Flange
25	22237GS	4	Washer, Lock
26	23645GS	4	Screw
27	151B2126GS	1	Bushing
28	12187822PGS	1	Seal
30	10487628PGS	2	Plug
31	137B2126GS	8	Washer
32	10087822PGS	8	Screw
33	102B2126GS	6	Plug
34	10187822PGS	6	O-Ring
35	10287822PGS	6	Complete Valve
36	10387822PGS	6	O-Ring
37	11193360PGS	1	Plug
38	136B2126GS	1	Head
39	10387628PGS	2	O-Ring
40	106B2126GS	3	Support Ring
41	10587822PGS	3	Gasket
42	108B2126GS	3	Piston Guide
43	10393360PGS	3	Gasket
44	10493360PGS	3	O-Ring
45	131B2126GS	3	Rear Piston Guide
46	16593360PGS	3	Seal
A	500-87628PGS	1	VALVE KIT -(Includes Ref. Nos. 35 & 36)
B	201B2126GS	1	KIT-PISTON -(Includes Ref. 8)

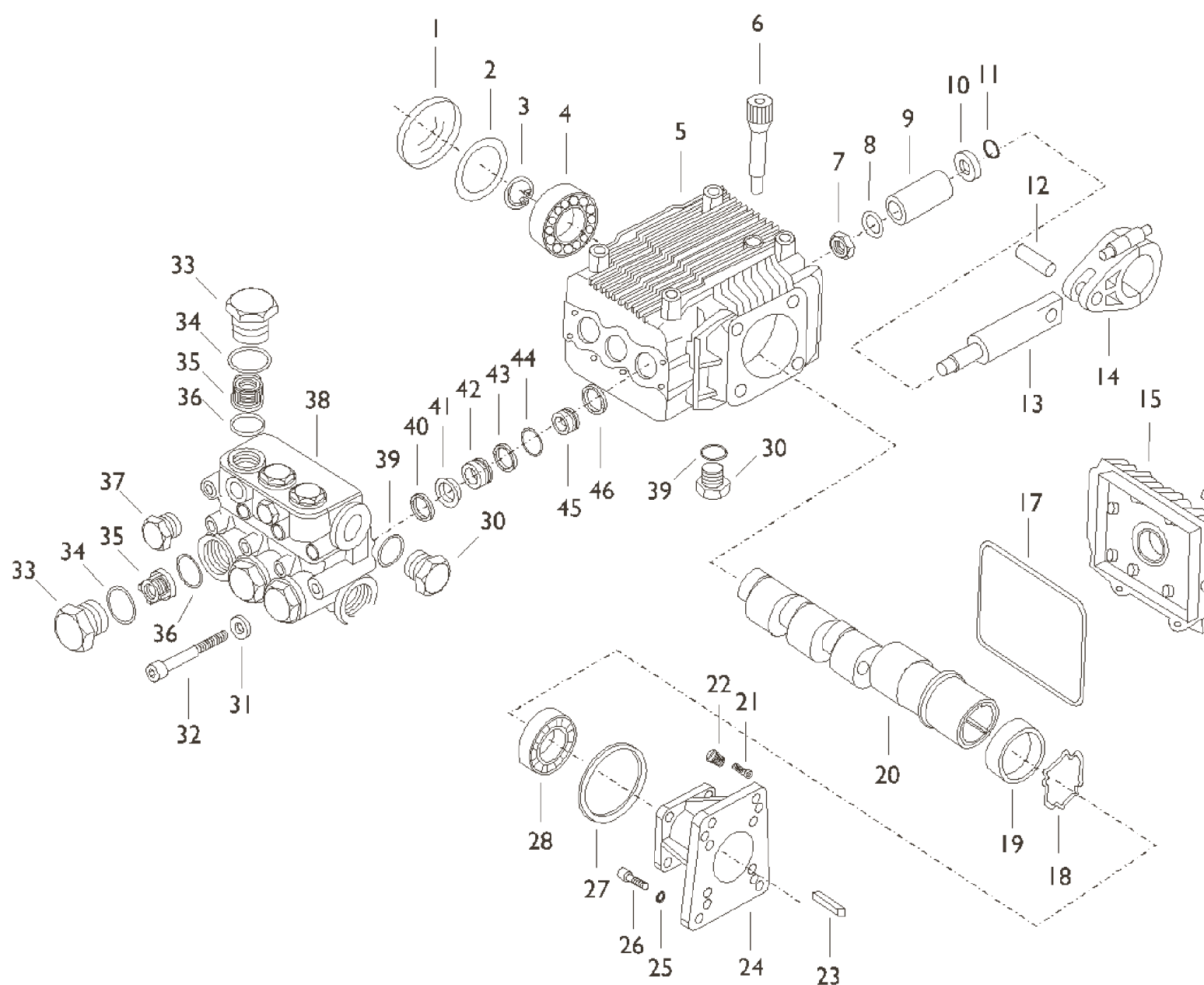
Footnotes:

* For service, contact your nearest service center.

Pump (1808-0)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 01808-0



Pump (1808-0)

REF NO	PART NO	QTY	DESCRIPTION
C	202B2126GS	1	KIT-OIL SEAL -(Includes Ref. Nos. 1, 17 & 46)
D	203B2126GS	1	KIT-WATER SEAL -(Includes Ref. Nos. 41 & 44)
E	204B2126GS	1	KIT-SUPPORT RING -(Includes Ref. No. 40)

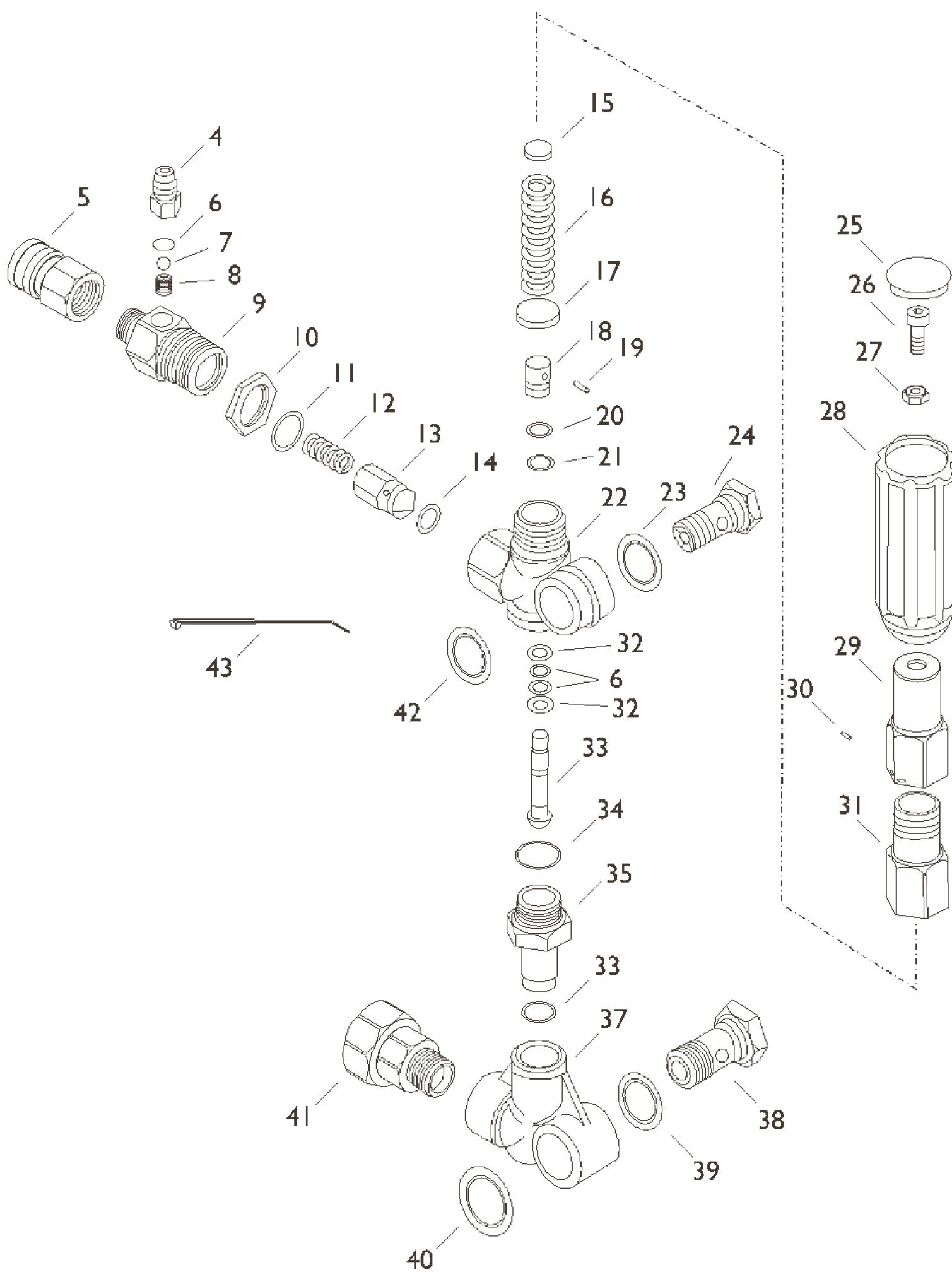
Footnotes:

* For service, contact your nearest service center.

Unloader (1808-0)

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 01808-0



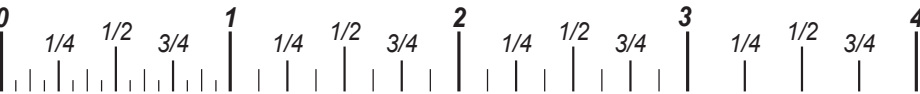
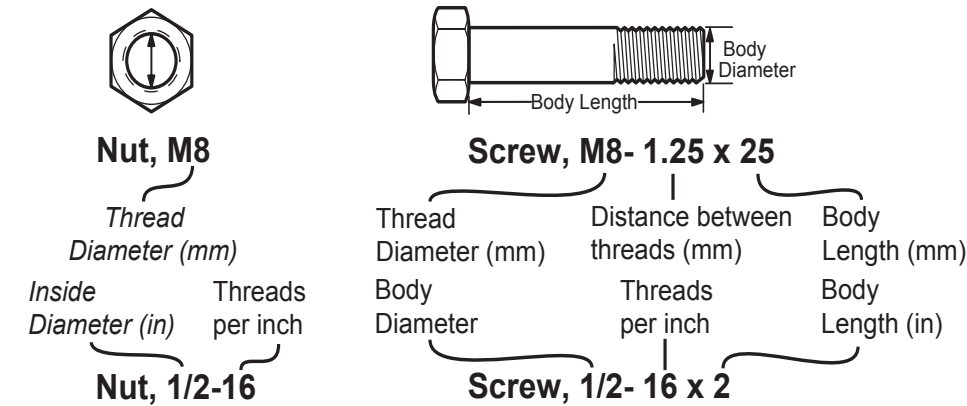
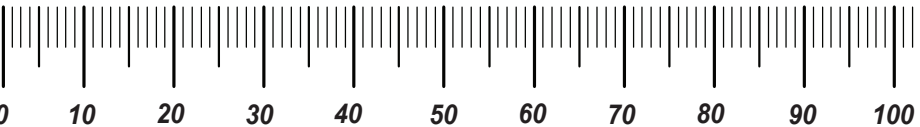
Unloader (1808-0)

REF NO	PART NO	QTY	DESCRIPTION
--	153B2126GS	--	Complete Unloader
4	210B2327GS	1	Hose Tail
5	95458GS	1	Quic Disconnect
6	231B2327GS	3	O-Ring
7	211B2327GS	1	Stainless Ball
8	212B2327GS	1	Spring
9	186833GS	1	Injection Body
10	215B2327GS	1	Injector Nut
11	137B2327GS	1	O-Ring
12	216B2327GS	1	Spring
13	217B2327GS	1	Plunger
14	218B2327GS	1	O-Ring
15	220B2327GS	1	Spacer Plate
16	221B2327GS	1	Spring
17	222B2327GS	1	Spring, Spacer Plate
18	219B2327GS	1	Upper Piston
19	223B2327GS	1	Pin
20	224B2327GS	1	Ring
21	225B2327GS	1	O-Ring
22	228B2327GS	1	Valve Housing
23	227B2327GS	1	Washer
24	226B2327GS	1	Inlet Bolt
25	248B2327GS	1	Plug
26	155B2327GS	1	Screw
27	246B2327GS	1	Nut
28	245B2327GS	1	Knob
29	243B2327GS	1	Housing
30	244B2327GS	1	Pin
31	242B2327GS	1	Spring Guide
32	229B2327GS	2	Ring
33	232B2327GS	1	Lower Piston
34	234B2327GS	1	O-Ring
35	233B2327GS	1	Piston Guide
36	235B2327GS	1	O-Ring
37	238B2327GS	1	Bypass Fitting
38	236B2327GS	1	Inlet Bolt
39	237B2327GS	1	Washer
40	239B2327GS	1	Washer
41	95320GS	1	Conn, Gdn Hse
42	230B2327GS	1	Washer
43	28739GS	1	Wrap, Tie

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.



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).

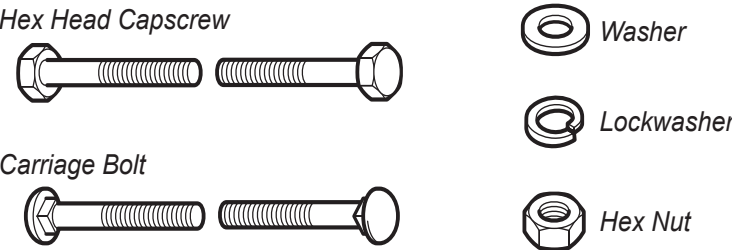
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 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



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

