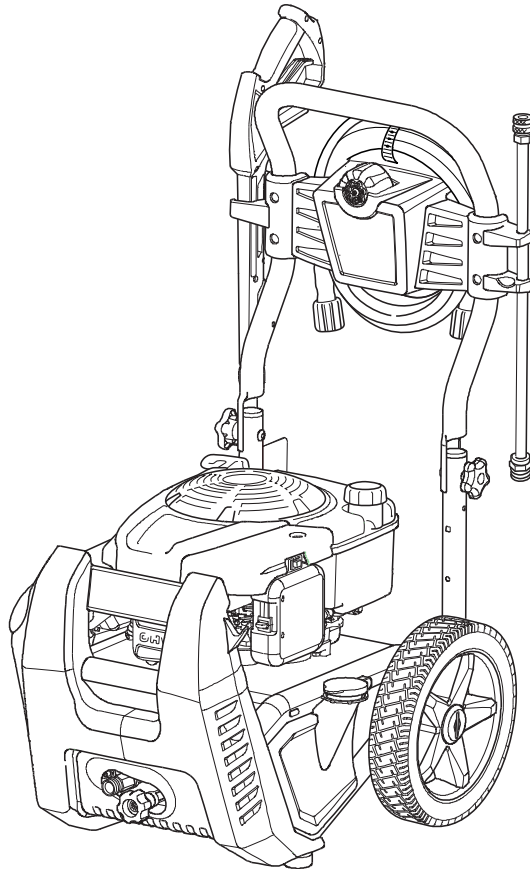




# ***Illustrated Parts List***

## ***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 - 1-800-743-4115 M-F 8-5 CT

### **Model / Modelo**

| <b>Mfg. No.</b> | <b>Description / Descripción</b> |
|-----------------|----------------------------------|
| 020632-00       | 3,000 PSI Briggs & Stratton      |

**Manual Part No.** 1759875

Revision -  
Rev. Date: 6/24/2015

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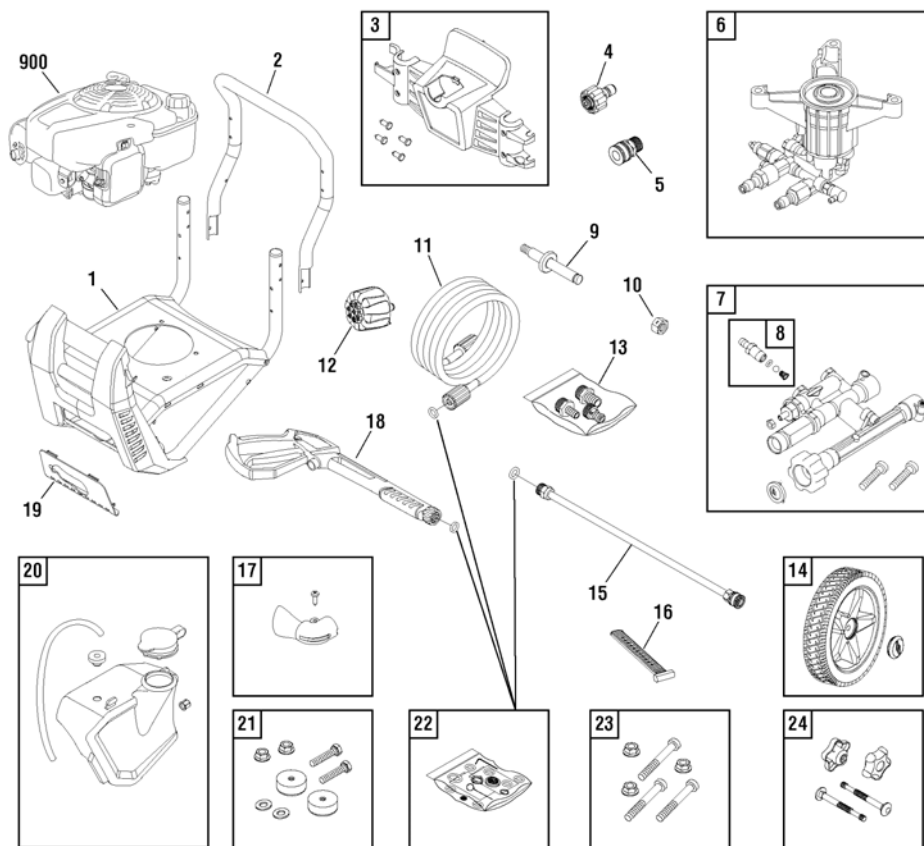
| <b>PRODUCT COMPONENTS</b>               | <b>PAGES</b>             |
|-----------------------------------------|--------------------------|
| Main Unit .....                         | 4                        |
| Pump .....                              | 6                        |
| <b>Torque Specification Chart .....</b> | <b>Inside Back Cover</b> |

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## Main Unit

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

80014973



| REF. | PART NO. | DESCRIPTION          | REF. | PART NO. | DESCRIPTION       |
|------|----------|----------------------|------|----------|-------------------|
| 1    | 705835   | BASE                 | --   | 192014GS | FITTING-1/2       |
| 2    | 705844   | HANDLE               | --   | 192015GS | FITTING-3/4       |
| 3    | 707866   | BILLBOARD            | --   | 95456GS  | QUICK CONNECT     |
| --   | B1797GS  | CLIP                 | 14   | 705836   | WHEEL             |
| 4    | 95519GS  | QUICK CONNECT        | --   | 705847   | HUBCAP            |
| 5    | 95518GS  | QUICK CONNECT        | 15   | 707863   | EXTENSION-QC      |
| 6    | 707496   | PUMP                 | 16   | 705846   | STRAP             |
| --   | 208673GS | VALVE-THERMAL RELIEF | 17   | 705856   | DEFLECTOR-EXHAUST |
| 7    | 707867   | POWERFLOW            | 18   | 707869   | GUN               |
| --   | 705969   | NUT                  | 19   | 705839   | PANEL-FRONT       |
| --   | 705971   | FILTER-GARDEN HOSE   | 20   | 705841   | TANK-CHEMICAL     |
| 8    | 707868   | CHEM INJECT          | --   | 705840   | DRAIN             |
| 9    | 315134GS | AXLE                 | --   | 705871   | BUSHING           |
| 10   | 703347   | NUT-AXLE             | --   | 705849   | CAP               |
| 11   | 707870   | HOSE                 | --   | 705850   | HOSE-CHEMICAL     |
| 12   | 317402GS | NOZZLE               | 21   | 192310GS | MOUNT-VIBRATION   |
| 13   | 706878   | KIT-GARDEN HOSE      |      |          |                   |

### Footnotes

\*Contact Engine Manufacturer for parts and service.

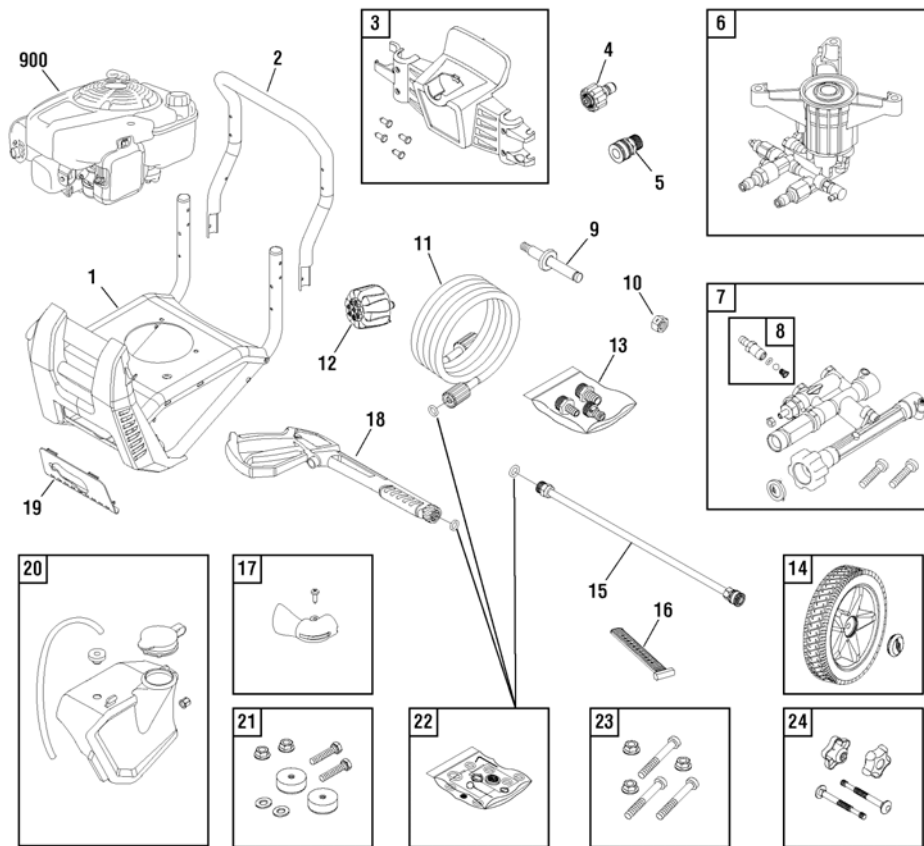
The above parts group applies to the following Mfg. Nos.:

020632-00 - 3,000 PSI Briggs & Stratton

## Main Unit

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

80014973



| REF. | PART NO. | DESCRIPTION                                        | REF. | PART NO. | DESCRIPTION |
|------|----------|----------------------------------------------------|------|----------|-------------|
| 22   | 705002   | KIT-O-RING                                         |      |          |             |
| 23   | 315139GS | KIT-HARDWARE PUMP MOUNTING                         |      |          |             |
| 24   | 705848   | KIT-HARDWARE HANDLE                                |      |          |             |
| 900  | ----     | * ENGINE                                           |      |          |             |
| --   | 23139GS  | KEY (Not Illustrated)                              |      |          |             |
| --   | 704293   | E-RING (Not Illustrated)                           |      |          |             |
| --   | 707871   | DECAL-CHEM WARNING (Not Illustrated)               |      |          |             |
| --   | 706882   | DECAL-HOT SURFACE (Not Illustrated)                |      |          |             |
| --   | 189332GS | PLUG-HOLE (Not Illustrated)                        |      |          |             |
| --   | 707872   | DECAL-WARNING (Not Illustrated)                    |      |          |             |
| --   | 706602   | TAG-HANG, WARNING (Not Illustrated)                |      |          |             |
| --   | 6039     | PUMP SAVER (Optional Accessory - Not Included)     |      |          |             |
| --   | 593483   | SPARK ARRESTER (Optional Accessory - Not Included) |      |          |             |

### Footnotes

\*Contact Engine Manufacturer for parts and service.

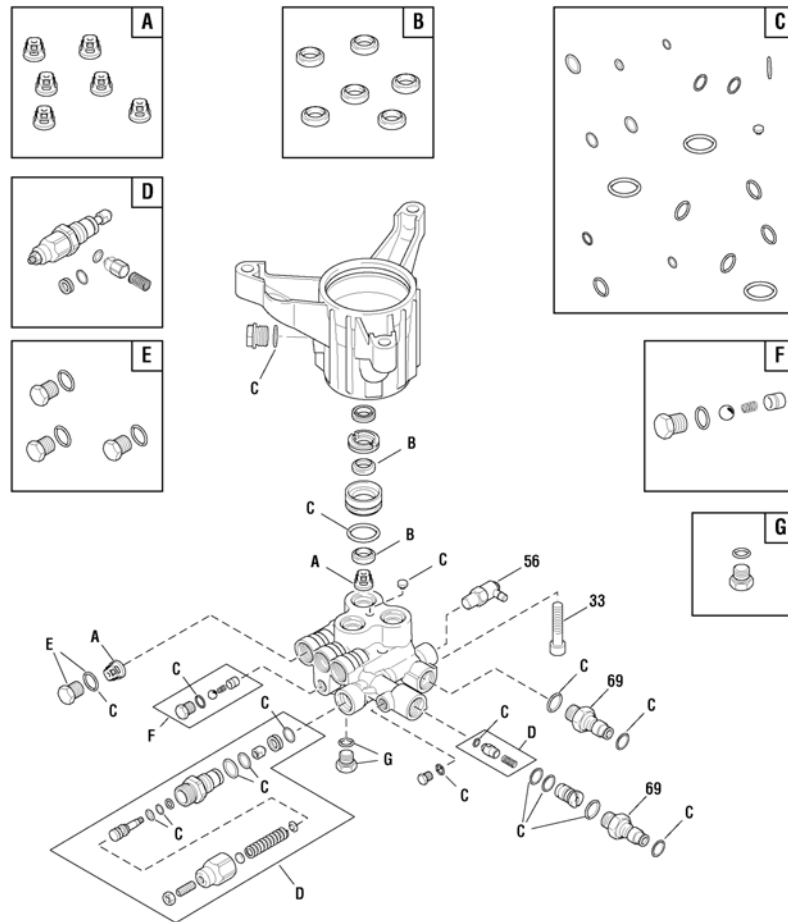
**The above parts group applies to the following Mfg. Nos.:**

**020632-00 - 3,000 PSI Briggs & Stratton**

## Pump

80011014

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



| REF. | PART NO. | DESCRIPTION                                    | REF. | PART NO. | DESCRIPTION |
|------|----------|------------------------------------------------|------|----------|-------------|
| 33   | 204087GS | SCREW                                          |      |          |             |
| 56   | 208673GS | VALVE-THERMO RELIEF                            |      |          |             |
| 69   | 705875   | FITTING                                        |      |          |             |
| A    | 317897GS | KIT-CHECK VALVE                                |      |          |             |
| B    | 204084GS | KIT-WATER SEAL                                 |      |          |             |
| C    | 707571   | KIT-O-RING                                     |      |          |             |
| D    | 706610   | KIT-UNLOADER                                   |      |          |             |
| E    | 706780   | KIT-PLUG                                       |      |          |             |
| F    | 317788GS | KIT-EASY START                                 |      |          |             |
| G    | 200350GS | SCREW-GRUB                                     |      |          |             |
| --   | 6039     | PUMP SAVER (Optional Accessory - Not Included) |      |          |             |

## Footnotes

**The above parts group applies to the following Mfg. Nos.:**  
**020632-00 - 3,000 PSI Briggs & Stratton**

# Hardware Identification & Torque Specifications

| Torque Specification Chart                                   |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------------------|------|
| FOR STANDARD METRIC MACHINE HARDWARE (Tolerance $\pm 20\%$ ) |                                                                                                |      |                                                                                                |      |                                                                                                 |      |                                                                                                 |      |
| Property Class                                               | <br>Class 5.6 |      | <br>Class 8.8 |      | <br>Class 10.9 |      | <br>Class 12.9 |      |
| Size Of Hardware                                             | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                               | Nm.  | in/lbs<br>ft/lbs                                                                                | Nm.  | in/lbs<br>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 |

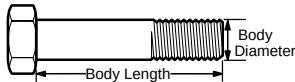
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

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

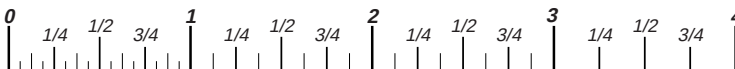
Nut, 1/2-16



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                                        | <br>SAE Grade 2 |       | <br>SAE Grade 5 |       | <br>SAE Grade 8 |         |
| Size Of Hardware                                      | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>ft/lbs                                                                                   | Nm.   | in/lbs<br>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.

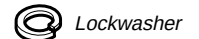
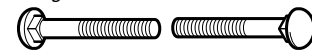
## Common Hardware Types

Hex Head Capscrew



Washer

Carriage Bolt



Lockwasher



Hex Nut

## Wrench & Fastener Size Guide

|                                                                                                                         |                                                                                                                           |                                                                                                                           |                                                                                                                                                         |                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <br>1/4" Bolt or Nut<br>Wrench—7/16" | <br>5/16" Bolt or Nut<br>Wrench—1/2" | <br>3/8" Bolt or Nut<br>Wrench—9/16" | <br>7/16" Bolt or Nut<br>Wrench (Bolt)—5/8"<br>Wrench (Nut)—11/16" | <br>1/2" Bolt or Nut<br>Wrench—3/4" |
| M6 Bolt or Nut<br>Wrench—10mm                                                                                           | M8 Bolt or Nut<br>Wrench—13mm                                                                                             | M10 Bolt or Nut<br>Wrench—17mm                                                                                            | M12 Bolt or Nut<br>Wrench—19mm                                                                                                                          | M14 Bolt or Nut<br>Wrench—22mm                                                                                           |



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