SAFETY PRECAUTIONS

1. Make sure incoming pressure does not exceed the rated pressure.
2. Use proper eye protection when assembling and using the hose reel.
3. Assemble the hose reel on a clean workbench free of debris and moisture.
4. Use soap and water when checking for air leaks.
5. Keep children away from work area.

WARNING!

Exposure of skin directly to pressurized air or fluids could result in severe bodily injury!

Ref 310109 Rev. A
03-18

General Pump
1174 Northland Drive • Mendota Heights, MN 55120
Phone: 651.686.2199 • Fax: 800.535.1745
www.generalpump.com • email: sales@gpcompanies.com

INDUSTRIAL Hose Reel Electric Motor

From General Pump



DHRA50300 & 103166
SHOWN

103166

- **POWERFUL 12V DC MOTOR**
- **LONG LASTING HARDENED GEARS**
- **HOSE REEL SOLD SEPARATELY**

OPERATOR'S MANUAL

Ref 310109 Rev. A
03-18

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GENERAL PUMP

A3050012, POWERED HOSE REEL ASSEMBLY INSTRUCTIONS

1. On the end of the hose reel opposite the lock, assembley the two ring gear halves to the hose reel using carriage bolts, washers and lock nuts. Finger tight only for now.

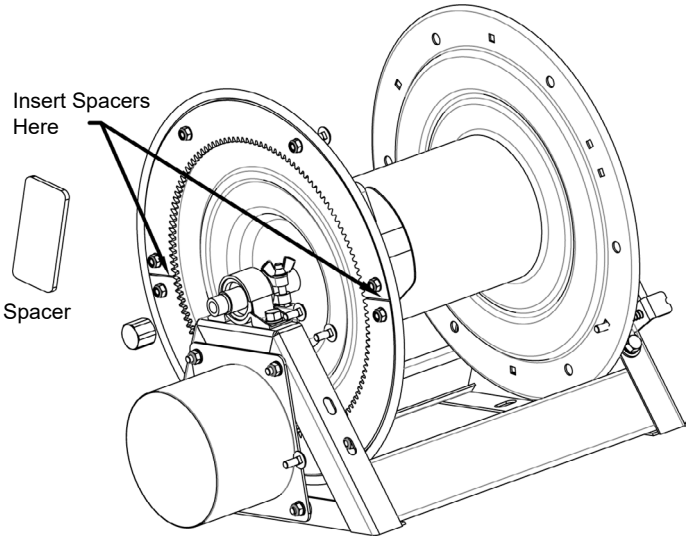
2. Assemble plate motor with bolts, lock washer and flat washers as shown. Torque to 100 in-lb.

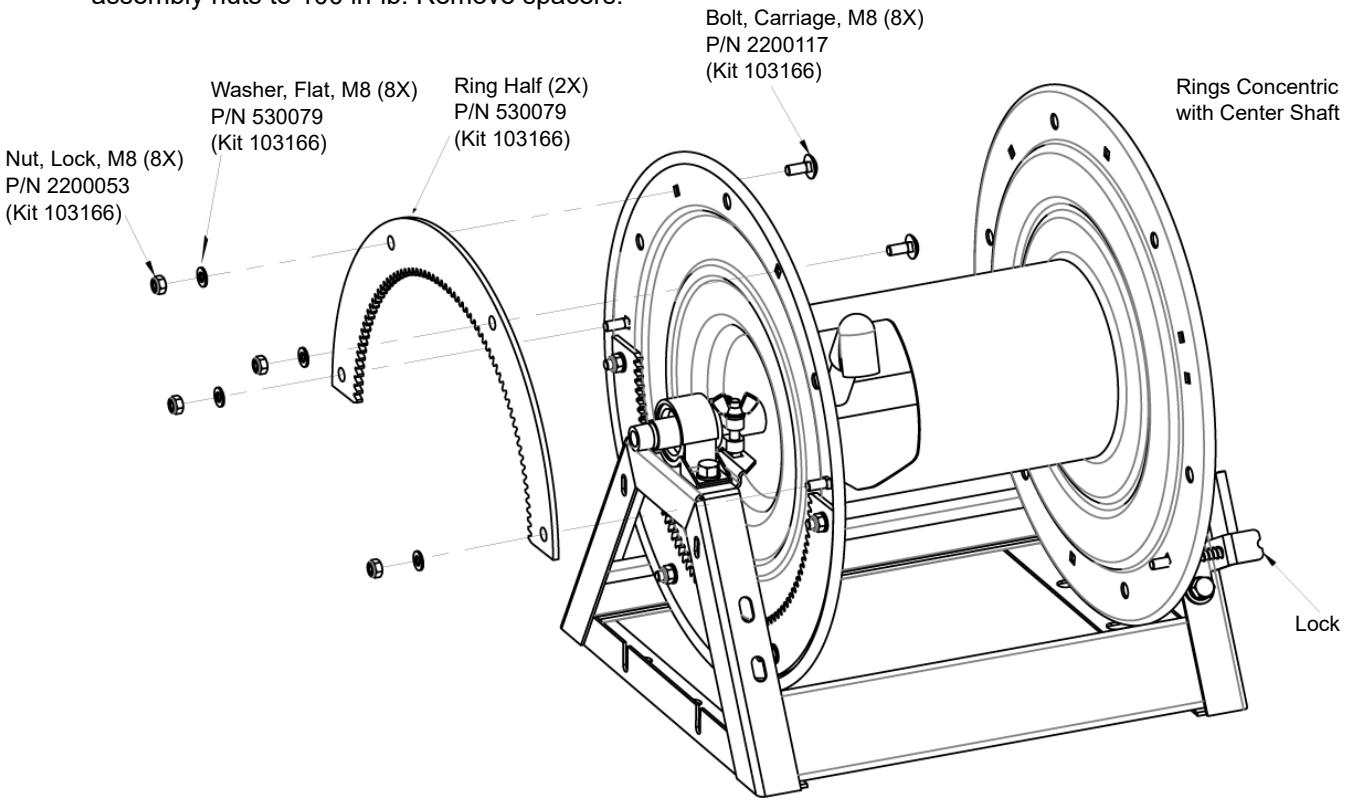
3. Slide spur gear onto motor shaft; gear face will hang over with end of motor shaft by about 5 mm (3/16”). Apply a drop of medium strength thread locker to the set screw and thread into gear. Torque set screw to 20 in-lb.

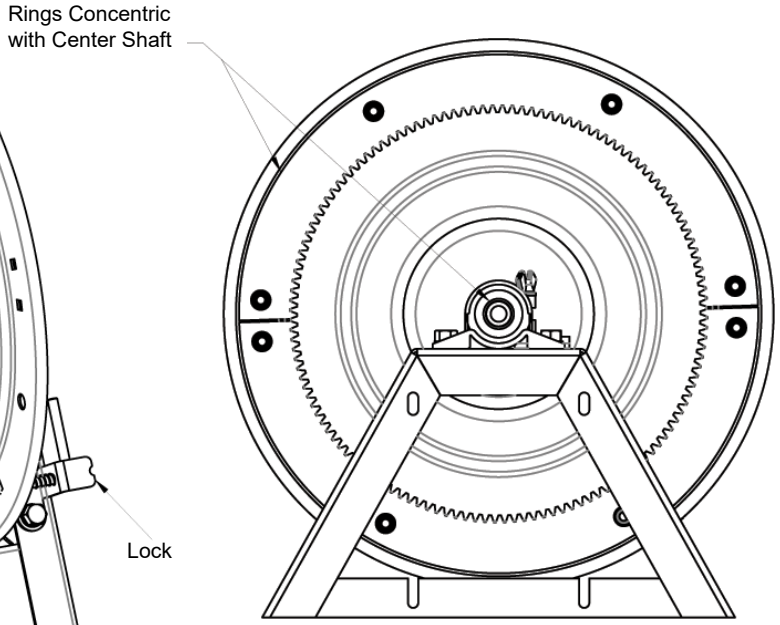
4. Attach motor assembly to hose reel frame using carriage bolts, flat washers (bottom two bolts only), flat washers, and locknuts. Finger tight only for now.

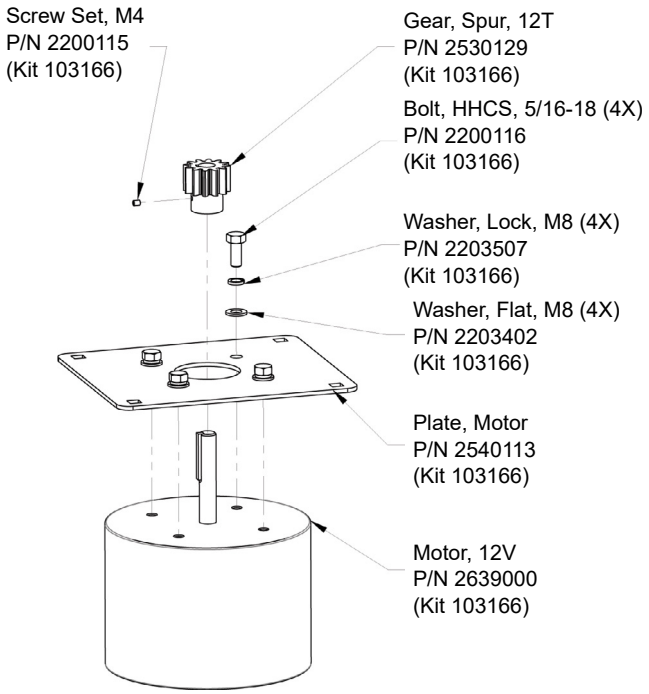
5. Insert the supplied spacers between the two ring gear gaps.

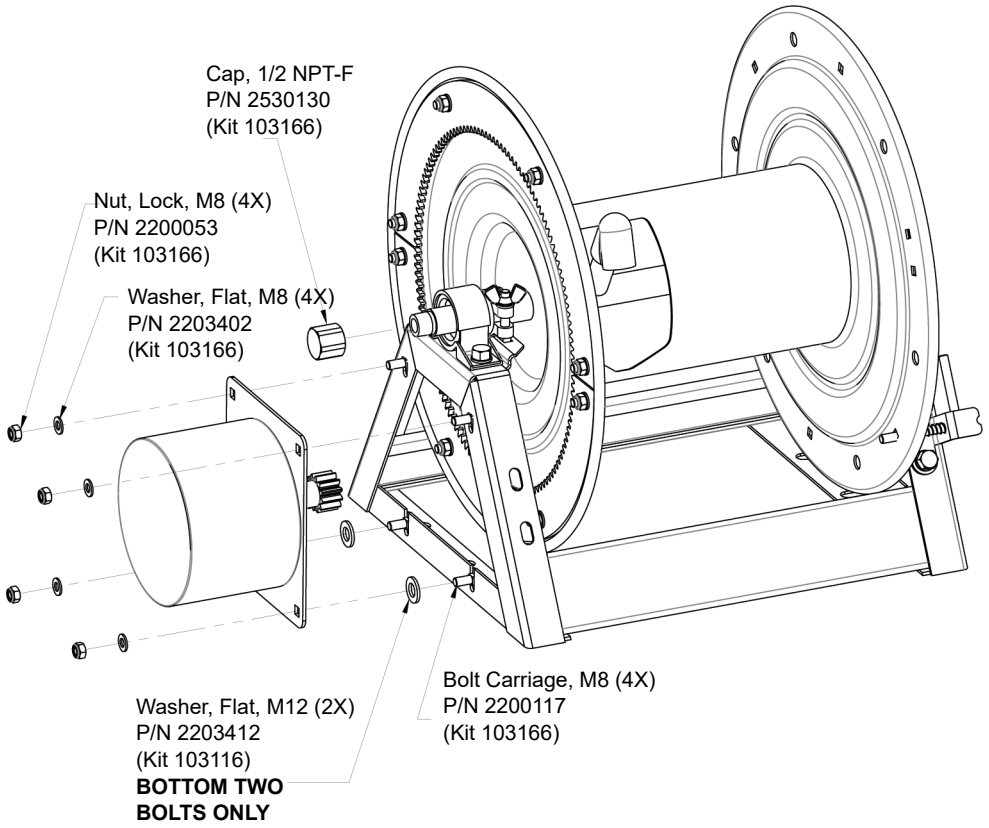
6. Rotate the hose reel by hand a few revolutions to get the motor assembly and ring gears to align. Tighten the ring gear and motor assembly nuts to 100 in-lb. Remove spacers.

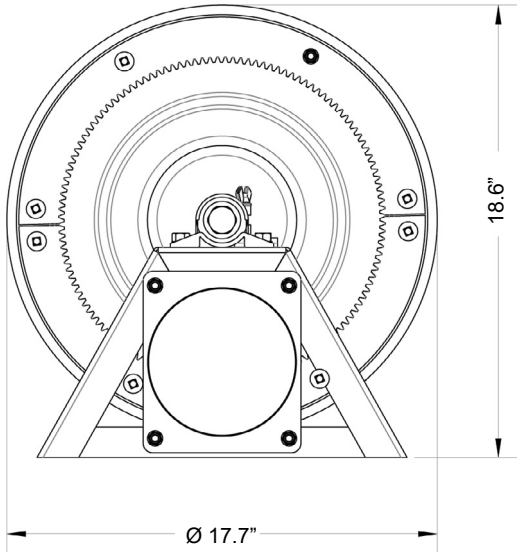


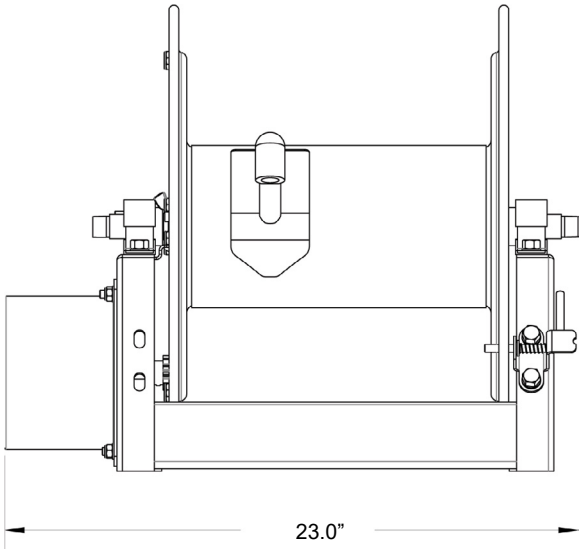





Screw Set, M4
P/N 2200115
(Kit 103166)
Gear, Spur, 12T
P/N 2530129
(Kit 103166)
Bolt, HHCS, 5/16-18 (4X)
P/N 2200116
(Kit 103166)
Washer, Lock, M8 (4X)
P/N 2203507
(Kit 103166)
Washer, Flat, M8 (4X)
P/N 2203402
(Kit 103166)
Plate, Motor
P/N 2540113
(Kit 103166)
Motor, 12V
P/N 2639000
(Kit 103166)


Cap, 1/2 NPT-F
P/N 2530130
(Kit 103166)
Nut, Lock, M8 (4X)
P/N 2200053
(Kit 103166)
Washer, Flat, M8 (4X)
P/N 2203402
(Kit 103166)
Washer, Flat, M12 (2X)
P/N 2203412
(Kit 103116)
BOTTOM TWO BOLTS ONLY
Bolt Carriage, M8 (4X)
P/N 2200117
(Kit 103166)


18.6”
Ø 17.7”


23.0”