Complete Bolt Set for Power-Pole with 5/16” Bolts

Compatible with the following:
- Power-Pole XL 8’ 2008 & Earlier
- Power-Pole Pro Series 6’ or 8’ 2009
- Power-Pole Sportsman Series 8’ 2009 & 2010

Installation Tools
- ½” Socket with Ratchet
- ½” Wrench
- Pliers
- Drill
- 3/8” Steel Drill Bit
- Hammer

Hardware

A. Qty (6) 5/16 x 3.5” PP Bolts/Ram Bolt
B. Qty (12) small washers
C. Qty (12) small black bushings
D. Qty (16) large black bushings
E. Qty (6) low-profile mounting nuts
F. Qty (2) tubing stem bracket Teflon
G. Qty (2) large cylinder ram spacers
H. Qty (2) small cylinder ram spacers

Installation of Bolt Set Complete Power-Pole with 5/16” Bolts

Please follow the installation instructions for each section 1 - 3.

For Technical Support Please Call 813-689-9932 opt 2.
Knuckle Bolt Set 5/16” Upper or Lower (Section 1)

Hardware
A. Qty (1) 5/16 x 3.5” Knuckle bolt
B. Qty (2) small washers
C. Qty (2) small black bushings
D. Qty (4) large black bushings
E. Qty (1) low-profile mounting nut

Installation Tools
- ½” Socket with Ratchet
- ½” Wrench
- Drill
- 3/8” Steel Drill Bit
- Pliers

Note: If existing Power-Pole Knuckle has a ¼” bolt you will need to drill it out with 3/8” steel drill bit.

Installation Instructions:
Step 1 Remove old bolt and bushings with installation tools. Note: Installation tools not included.
Step 2 Insert large black bushings D with small flange facing hole on the outside of the Knuckle and inside of the U-channel.
Step 3 Put washer B on bolt A. Next put small black bushing C on the bolt A with the flat side pointing towards washer B.
Step 4 Install knuckle in-between U-channels as pictured below with flat side of bushings D touching and aligning the hole.
Step 5 Insert the dressed bolt A through the U-channel and Knuckle.
Step 6 Put small bushing C onto bolt A with small flange facing towards U-channel hole followed by washer B.
Step 7 Finish by threading nut E on and tighten to 48 inch pounds / 4 foot pounds of torque.
Cylinder Bolt Set 5/16” Upper or Lower (Section 2)

Hardware

A. Qty (1) 5/16 x 3.5” cylinder ram bolt
B. Qty (2) small washers
C. Qty (2) cylinder ram bolt bushings
G. Qty (1) large cylinder ram spacer
H. Qty (1) small cylinder ram spacer
E. Qty (1) 5/16” low-profile mounting nut

Installation Tools

- ½” Socket with Ratchet
- ½” Wrench
- Pliers

Installation Instructions:

Step 1 Remove old bolt with installation tools. Note: when finished all lock nuts should be all on one side.
Step 2 Insert bolt A through washer B with flat side of bushing C facing towards washer B.
Step 3 Insert dressed bolt A through U-channel and large ram spacer G. Note: large ram cylinder spacer should be on the same side as the 90 degree fitting on cylinder.
Step 4 Push remaining bolt A on through hydraulic cylinder ram, small bushing ram spacer H and U-channel.
Step 5 Place small black bushing C onto bolt A with small flange facing towards U-channel hole followed by washer B.
Step 6 Finish by threading nut E on and tighten to 48 inch pounds / 4 foot pounds of torque.

Everflex Spike → U-Channel

Hydraulic Cylinder Ram

90 Degree Fitting
Installation Instructions:
Step 1 Remove old bolt, bushings and nut with ½" socket and ½" wrench.
Step 2 Drill out old tubing stern bracket Teflon with 3/8" steel drill bit and replace with the new Teflon F.
Step 3 Insert bushings D into both sides of stern bracket holes with small flange facing in towards holes.
Step 4 Insert remaining bushings D into the insides of U-channel with small flange facing in towards hole of U-channel.
Step 5 Place washer B onto bolt A. Next put the small black bushing C on the bolt A with the flat side facing in towards washer B.
Step 6 Install U-channel on stern bracket as in picture above with flat sides of bushings D touching and aligning the hole.
Step 7 Insert dressed bolt A through the U-channel and stern bracket.
Step 8 Next place small bushing C onto bolt A with small flange facing in towards the U-Channel hole followed by washer B.
Step 9 Finish by threading nut E on and tighten to 72 inch pounds / 6 foot pounds of torque.