

## Complete Bolt Set for Power-Pole with 3/8" Bolts

Compatible with the following:  
 Power-Pole Pro Series 6' or 8' 2010  
 Power-Pole Signature Series 4', 6', & 8' 2010

## Installation Tools

- 9/16" Socket with Ratchet
- 9/16" Wrench
- Hammer
- Pliers

## Hardware

A.Qty (2) 3/8"x 3.5" Stern bracket bolts

B.Qty (4) 5/16"x 3.5 "Bolts/Ram Bolt

C.Qty (4) 3/8" Washers

D.Qty (8) 5/16" Washers

E.Qty (8) 5/16" Bushings small outside u-channel

F.Qty (8) 5/16" Large black bushings

G.Qty (4) 3/8" Bushings small outside u-channel

H.Qty (4) 3/8" Bushings large inside u-channel

I.Qty (4) 3/8" Bushings large inside stern bracket

J.Qty (2) Large cylinder ram spacers

K.Qty (2) Small cylinder ram spacers

L.Qty (2) 3/8" Low-profile brass lock nuts

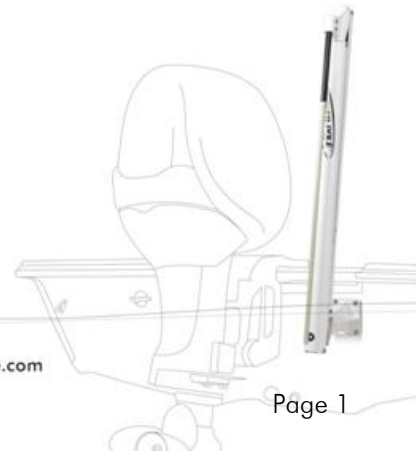
M.Qty (4) 5/16 Low-profile brass lock nuts



## Installation of Bolt Set Complete Power-Pole with 3/8"Bolts

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

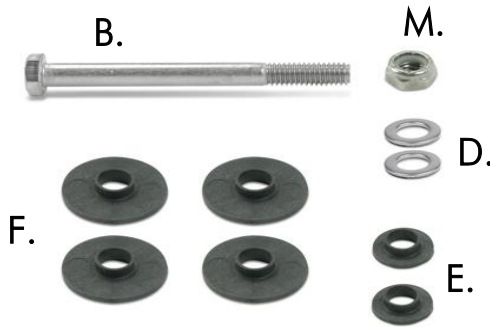
For Technical Support Please Call 813-689-9932 opt 2.



## Knuckle Bolt Set 5/16" Upper or Lower ( Section 1)

### Hardware

- B. Qty (1) 5/16 x 3.5" Knuckle bolt
- D. Qty (2) small washers
- E. Qty (2) small black bushings
- F. Qty (4) large black bushings
- M. Qty (1) low-profile mounting



### Installation Tools

- 1/2" Socket with Ratchet
- 1/2" Wrench
- Hammer
- Pliers

### Installation Instructions:

Step 1 Remove old bolt and bushings with installation tools.

Step 2 Insert large black bushings F with small flange facing hole on the outside of the Knuckle and inside of the U-channel.

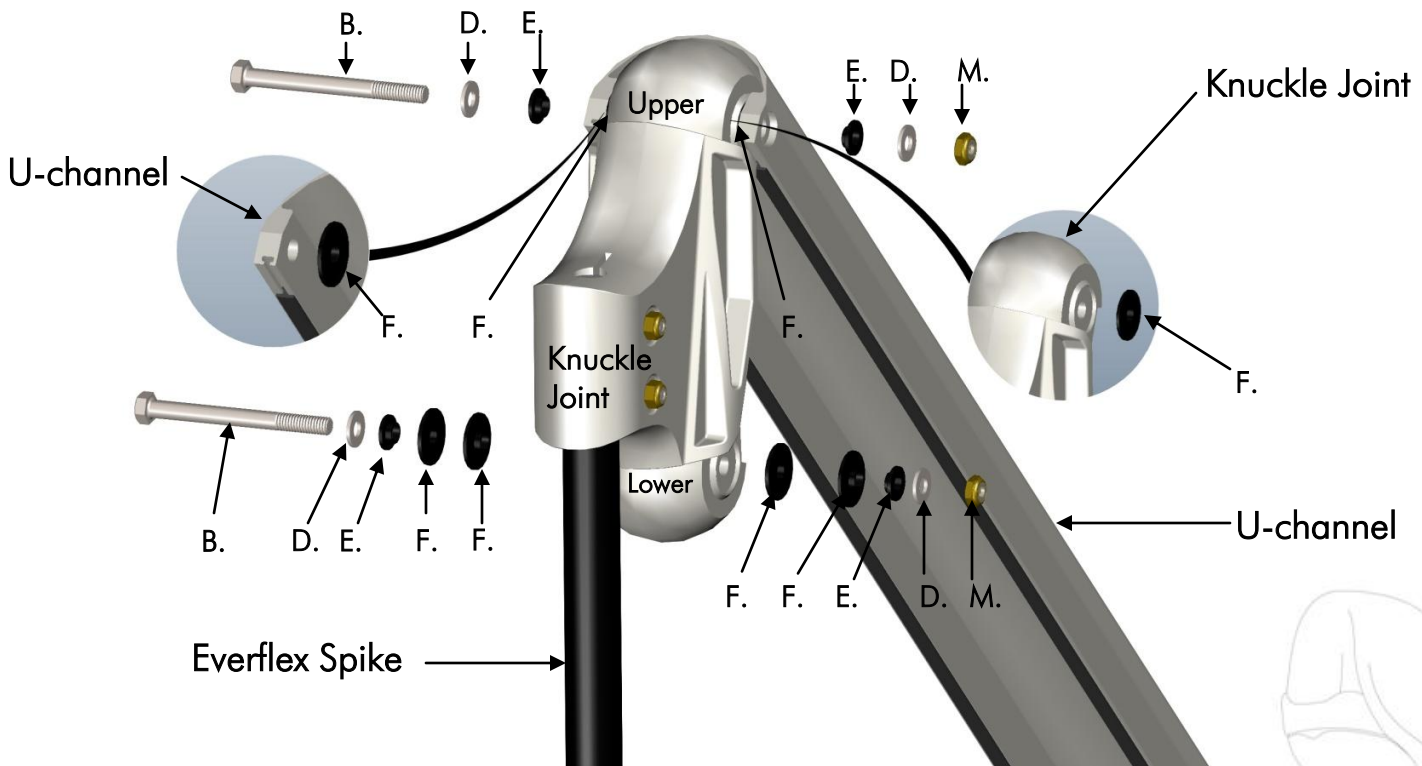
Step 3 Put washer D on bolt B. Next put small black bushing E on the bolt B with the flat side pointing towards washer D.

Step 4 Install knuckle in-between U-channels as pictured below with flat side of bushings F touching and aligning the hole.

Step 5 Insert the dressed bolt B through the U-channel and Knuckle.

Step 6 Put small bushing E onto bolt B with small flange facing towards U-channel hole followed by washer D.

Step 7 Finish by threading nut M on and tighten to 48 inch pounds / 4 foot pounds of torque.

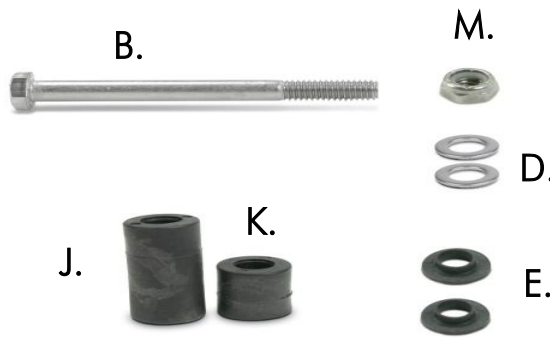


## Cylinder Bolt Set 5/16" Upper or Lower ( Section 2)

## Installation Tools

### Hardware

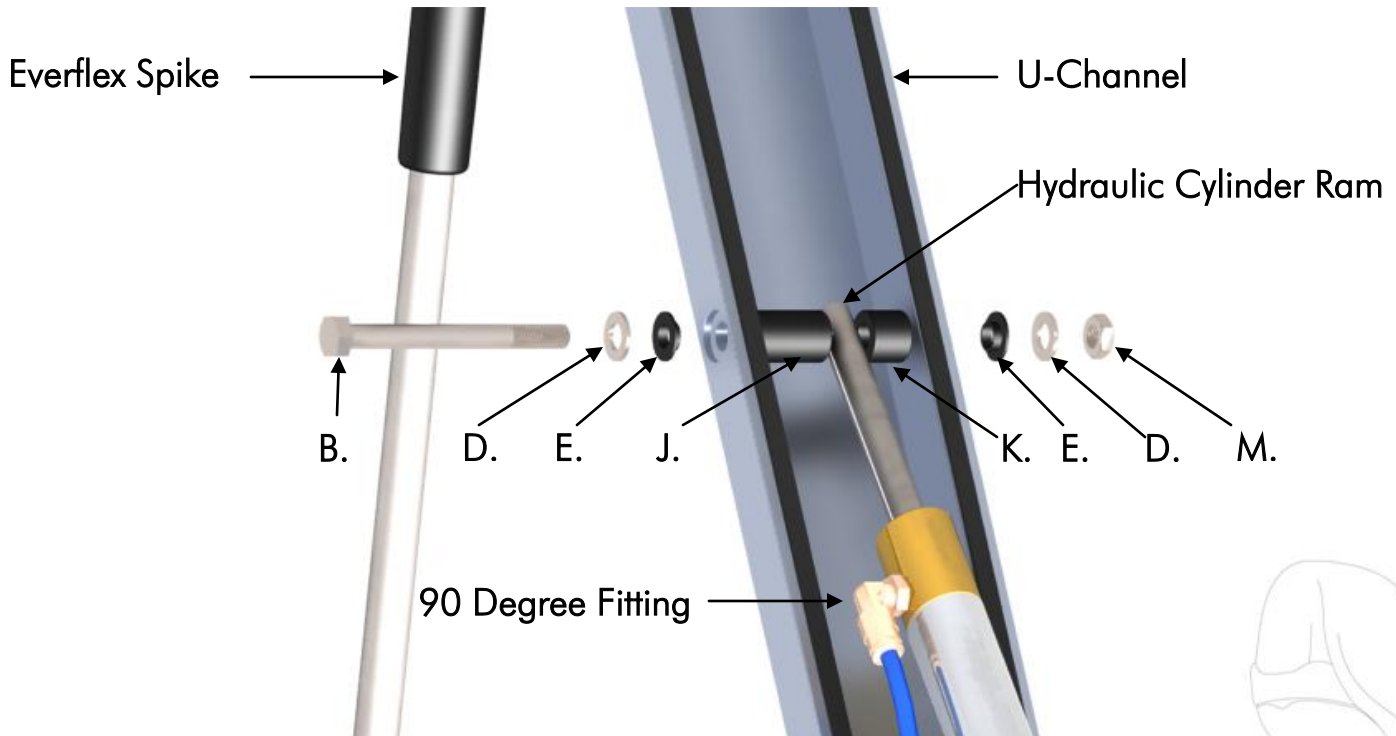
- B. Qty (1) 5/16 x 3.5" cylinder ram bolt
- D. Qty (2) small washers
- E. Qty (2) cylinder ram bolt bushings
- J. Qty (1) large cylinder ram spacer
- K. Qty (1) small cylinder ram spacer
- M. Qty (1) 5/16" low-profile mounting nut



- 1/2" Socket with Ratchet
- 1/2" Wrench
- Pliers

### Installation Instructions:

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

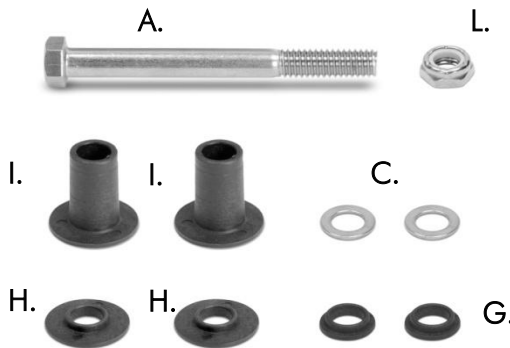


## Stern Bracket Bolt 3/8" Upper or Lower ( Section 3)

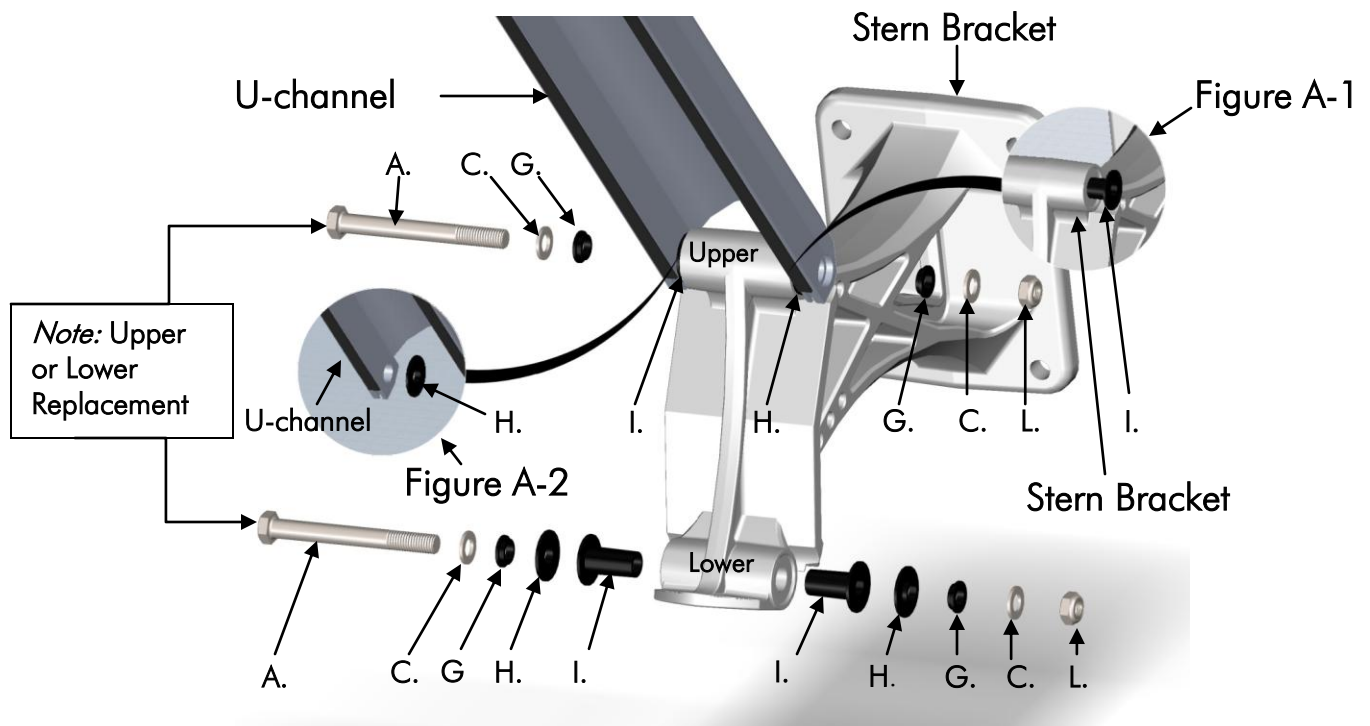
## Installation Tools

### Hardware

- A. Qty (1) 3/8" x 3.5" stern bracket bolt
- C. Qty (2) 3/8" washer
- G. Qty ( 2) Bushing small outside of u-channel
- H. Qty (2) Bushing large inside of u-channel
- I. Qty (2) Bushing large inside stern bracket
- L. Qty (1) 3/8" Thin Brass Lock Nut



- 9/16" Socket with Ratchet
- 9/16" Wrench
- Hammer
- Pliers



### Installation Instructions:

- Step 1 Remove old bolt, bushings and nut with installation tools listed above.
- Step 2 Insert both bushings I into stern bracket holes with smaller side facing inward toward holes Figure A-1.
- Step 3 Insert both bushings H into the insides of U-channel with small flange facing in towards hole of U-channel Figure A-2.
- Step 4 Put washer C onto bolt A. Next put the small black bushing G on the bolt A with flat side facing towards washer C.
- Step 5 Install U-channel on stern bracket as in picture above with flat sides of bushings H and I touching and aligning the hole.
- Step 6 Insert dressed bolt A through the U-channel and stern bracket.
- Step 7 Place small bushing G onto bolt A with small flange facing in towards the U-channel hole followed by washer C.
- Step 8 Finish by threading nut L on and tighten to 84 inch pounds / 7 foot pounds of torque.