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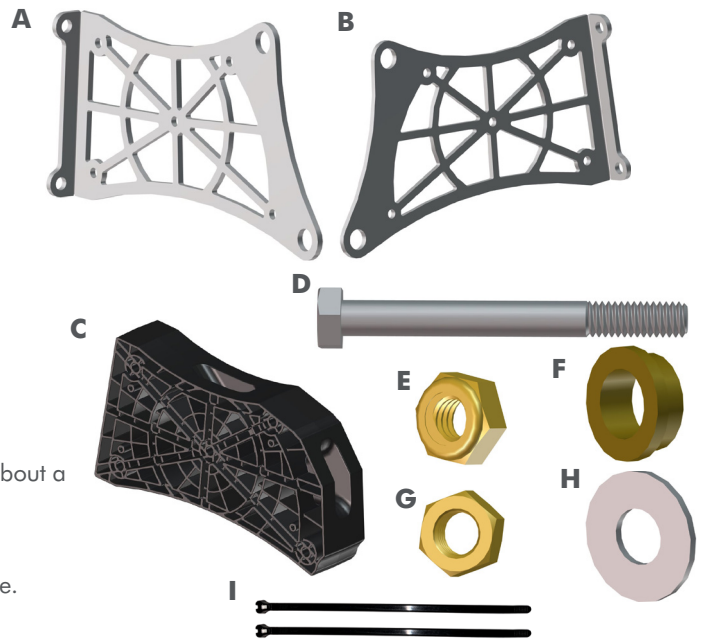
## BLS STERN BRACKET KIT INSTRUCTIONS

### INCLUDED HARDWARE:

- A.** (1) Left Sheet Metal
- B.** (1) Right Sheet Metal
- C.** (1) Stern Bracket Core
- D.** (5) 5/16" x 3" Bolts
- E.** (5) 5/16" Thin Lock Nuts
- F.** (4) 1/2" Bronze Bearings
- G.** (4) 3/8" Jam Nuts
- H.** (4) Washers
- I.** (2) Zip-Ties

### INSTALLATION TOOLS:

- 1/2", 9/16", & 5/8" Wrenches
- 1/2", 9/16", & 5/8" Sockets
- Ratchet
- Phillips Screwdriver
- Marine Grade Sealant
- Impact Wrench
- 1/4" Punch or 5/16" Bolt



**IMPORTANT:** Pressure MUST be relieved from hydraulic system before proceeding.

### PRESSURE RELIEF

**STEP 1:** Lower the Power-Pole Anchor® down so the Everflex™ spike is about a foot off the ground.

**WARNING:** Do not touch spike with bare hands.

**STEP 2:** Manually push the anchor into closed position, relieving pressure. Manually lower anchor back to the ground.

### REMOVAL

**STEP 1:** Disconnect the **UP Hose** from the **Hydraulic Cylinder Fitting** by holding the **Cylinder Fitting Base** with a **1/2" wrench** and turning the **Hydraulic Hose Fitting** counter-clockwise with a **5/8" wrench**. **FIG 1**

**NOTE:** Lay **Hydraulic Hose Fitting** down on clean surface to avoid contamination.

**STEP 2:** Remove the **Bottom Cylinder** from the **Upper U-Channel** using a **1/2" socket & wrench**. Push bottom of cylinder up into **U-Channel** and slide it forward past the **Ram Spacers** to remove it. **FIG 2**

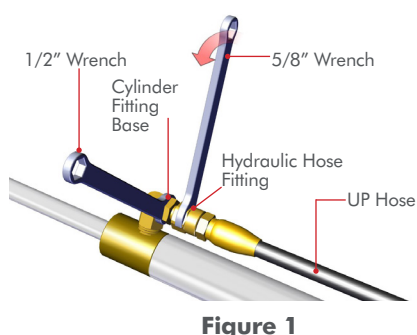


Figure 1

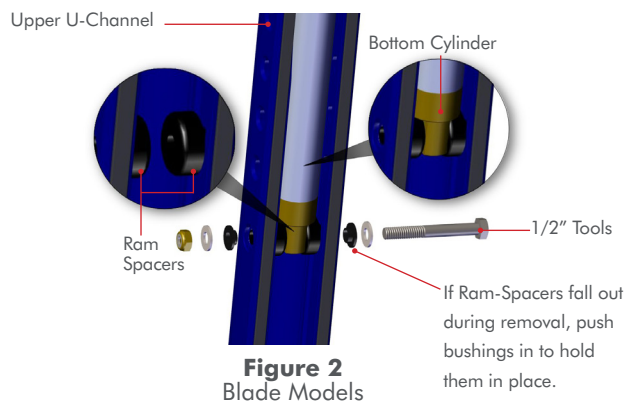


Figure 2  
Blade Models

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## BLS STERN BRACKET KIT INSTRUCTIONS

### REMOVAL (Continued)

**STEP 3:** Cut the (2) **Zip Ties** with a knife or scissors. DO NOT cut through hoses. **FIG 3**

**STEP 4:** Disconnect the **DOWN Hose** from the **Hydraulic Cylinder Fitting** by holding the **Cylinder Fitting Base** with a **1/2" Wrench** and turning the **Hydraulic Hose Fitting** counter-clockwise with a **5/8" Wrench**. **FIG 4**

**STEP 5:** Pull the hoses back through the holes in the **Stern Bracket**.

**STEP 6:** Remove the (8) **Phillips-Head Screws** that hold the (2) **Shrouds** to the stern bracket assembly using a Phillips Screw Driver. Then, remove **Shrouds**. **FIG 5**

**STEP 7:** Hold one of the **Jam Nuts** with a **9/16" Wrench** and place the **Impact Wrench** on the other. Then, loosen and remove **Jam Nut** with the **Impact Wrench**. Only one **Jam Nut** will come free. **FIG 6**

**STEP 8:** Drive the **U-Channel Pin** out of the Stern Bracket using a **Hammer** and a **1/4" Punch** or **5/16" Bolt**. **FIG 6**

**STEP 9:** Repeat **STEPS 7-8** for the other U-Channel Pin.

**STEP 10:** Remove the Power Pole Assembly from the **Stern Bracket**.

**STEP 11:** Remove the old **Stern Bracket** by removing the (4) **Bolts** that attach it to the boat transom/ adapter plate using a **9/16" Socket & Wrench**. **FIG 7**

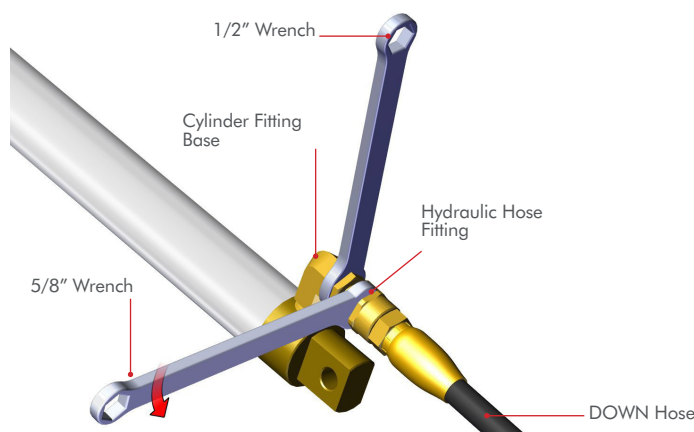
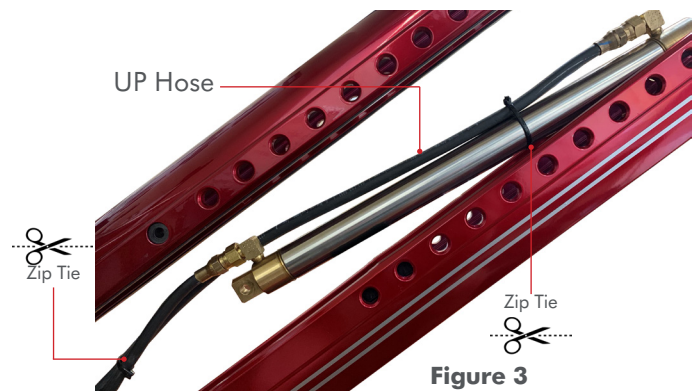


Figure 4

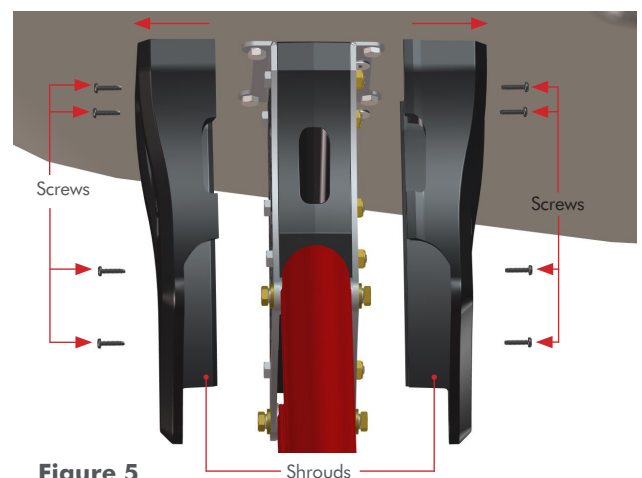


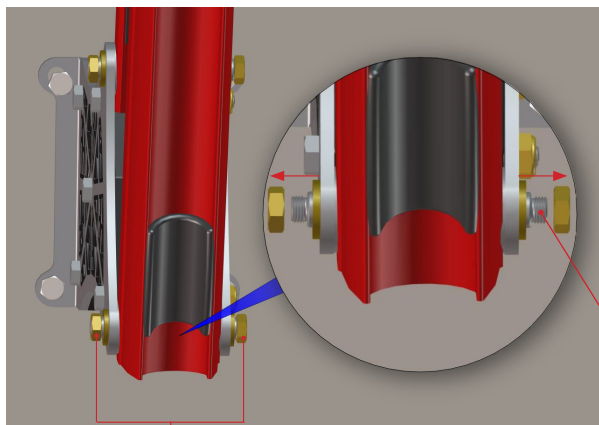
Figure 5

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## BLS STERN BRACKET KIT INSTRUCTIONS



Jam Nuts  
9/16" Tools

Figure 6

U-Channel Pin

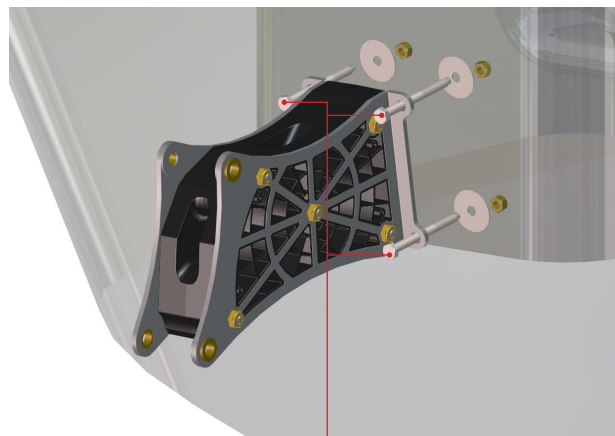


Figure 7

Transom/Adapter Plate Bolts

### ASSEMBLY:

**STEP 1:** Assemble Stern Bracket **FIG 1** using:

- A.** Left Sheet Metal
- B.** Right Sheet Metal
- C.** Stern Bracket Core
- D.** 5/16" Bolts
- E.** 5/16" Lock Nuts
- F.** Bronze Bearings

**STEP 2:** Attach Stern Bracket to Transom/Adapter Plate using a 9/16" Socket & Wrench following **FIG 7** of **REMOVAL** section.

**IMPORTANT:** For transom installs, apply a liberal amount of **Marine-Grade Sealant** between the **Sheet Metal** and **Hull** as well as around **Transom Bolt Holes**.

**STEP 3:** Line up U-Channels with Stern Bracket & drive U-Channel Pins back in place with the four Washers (**H**) in place in between U-Channels and Sheet Metals.

**STEP 4:** Install and tighten the four new **Jam Nuts (G)** snug on U-Channel Pins Using a 9/16" Socket & Wrench following **FIG 6** of **REMOVAL** section.

**IMPORTANT:** Do not use an impact wrench!

**STEP 5:** Re-Route hoses through **Stern Bracket**. **UP Hose** goes on the bottom & **DOWN Hose** goes on the top.

**STEP 6:** Finger tighten the female end of the **UP Hose** to the top **Cylinder Fitting**.

**STEP 7:** Hold the **Cylinder Fitting Base** with a **1/2" Wrench** and tighten the **Hose Fitting** clockwise a quarter turn with a **5/8" Wrench**. **FIG 2**

Figure 1

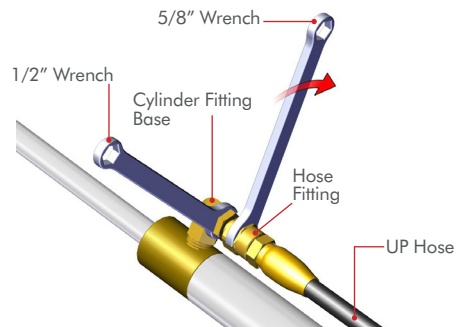
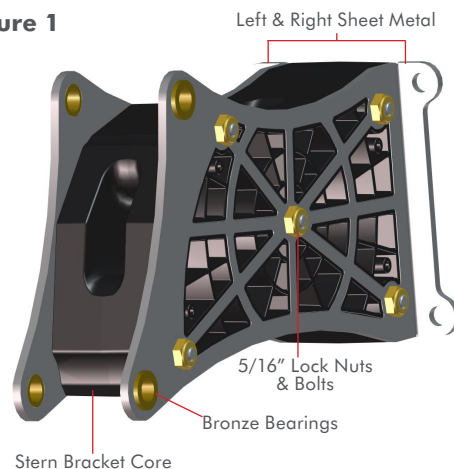


Figure 2

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**STEP 8:** Repeat **STEPS 6 & 7** for the **DOWN Hose**. **FIG 3**

**STEP 9:** Zip-Tie the UP Hose 2/3 of the way up the Cylinder. It will run beside the Bottom Cylinder Fitting and lay on top of the Cylinder. **FIG 4**

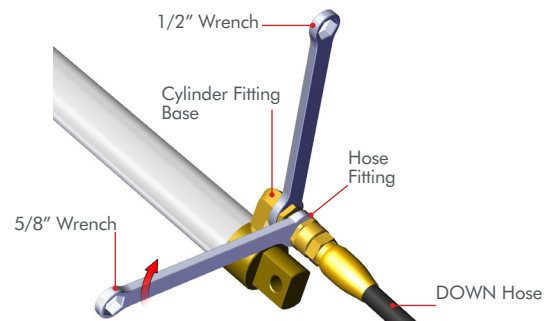
**STEP 10:** Zip-Tie the **UP & DOWN Hoses** together halfway between the **Bottom Cylinder Fitting** and the point at which the hoses enter the Stern Bracket. **FIG 4**

**STEP 11:** Re-attach the **Bottom Cylinder** to the Upper U-Channel following **FIG 2** of the **REMOVAL** section. Make sure hardware is in correct order.

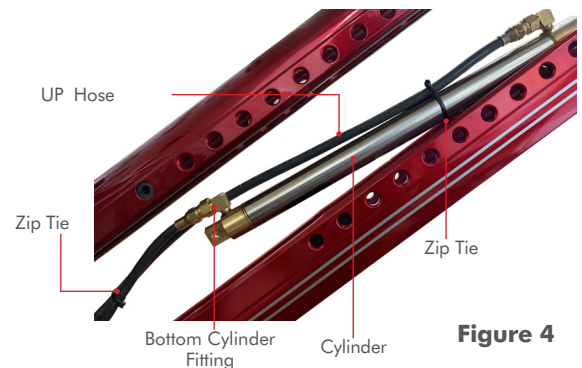
**NOTE:** Push the **Cylinder** up into the **U-Channel** and slide it backwards into place in between the **Ram Spacers**.

**STEP 13:** Run Power-Pole Anchor® through several cycles (Up & Down) to purge any air that may exist in hoses.

**NOTE:** If necessary, full priming instructions may be found in the Installation & Owner's Guide.



**Figure 3**



**Figure 4**

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