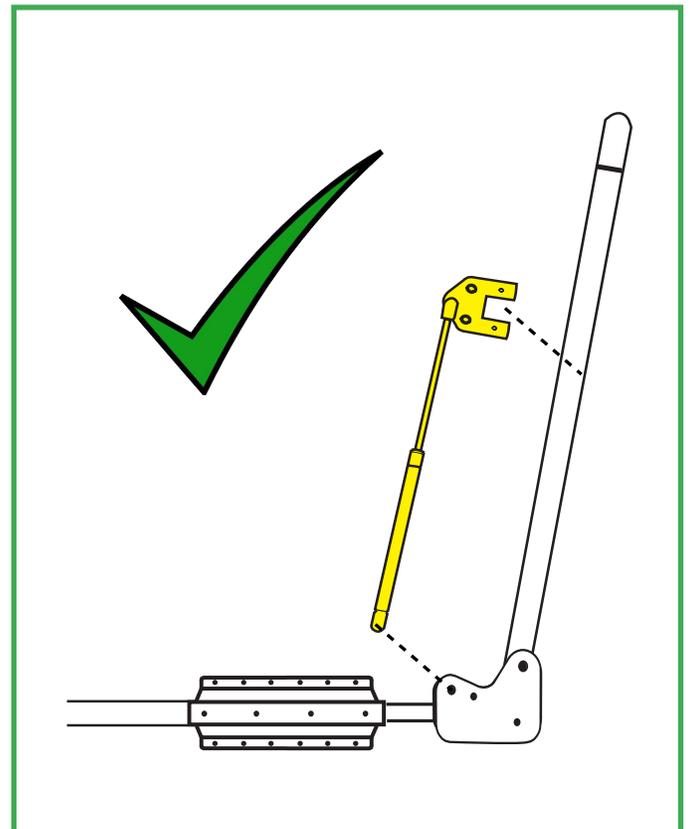
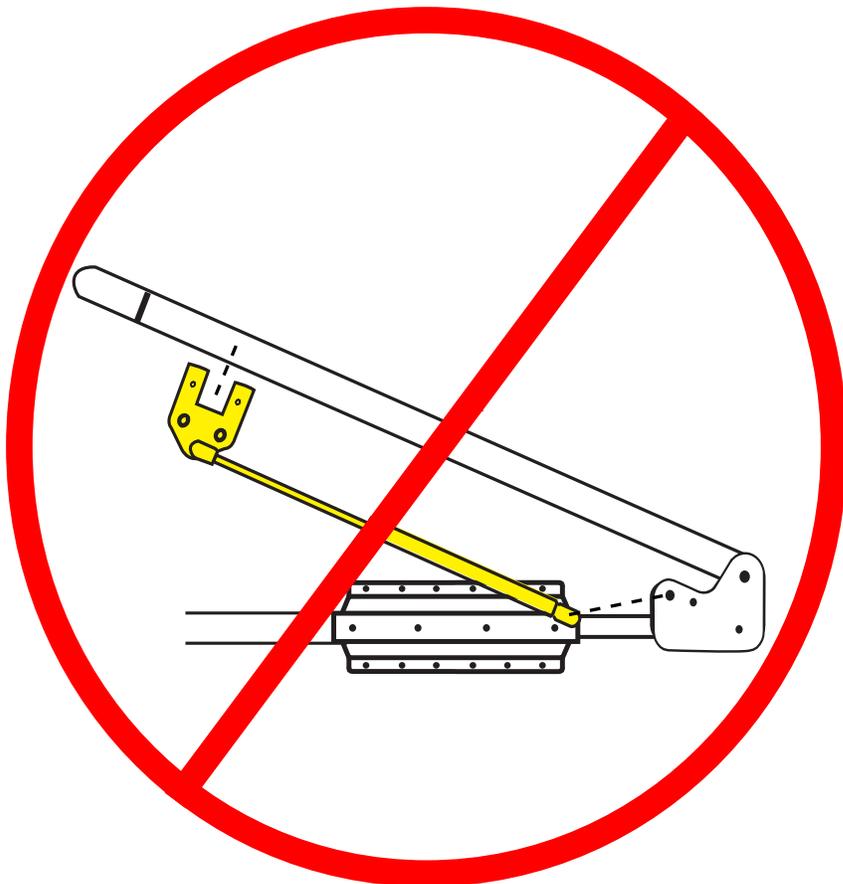


**HYDRAULIC ARM MUST
BE INSTALLED WITH
COVER OPEN AND IN
UPRIGHT POSITION**

**IMPORTANT!
ASSEMBLY OF PIVOT BRACKET
AND HYDRAULIC ARM**



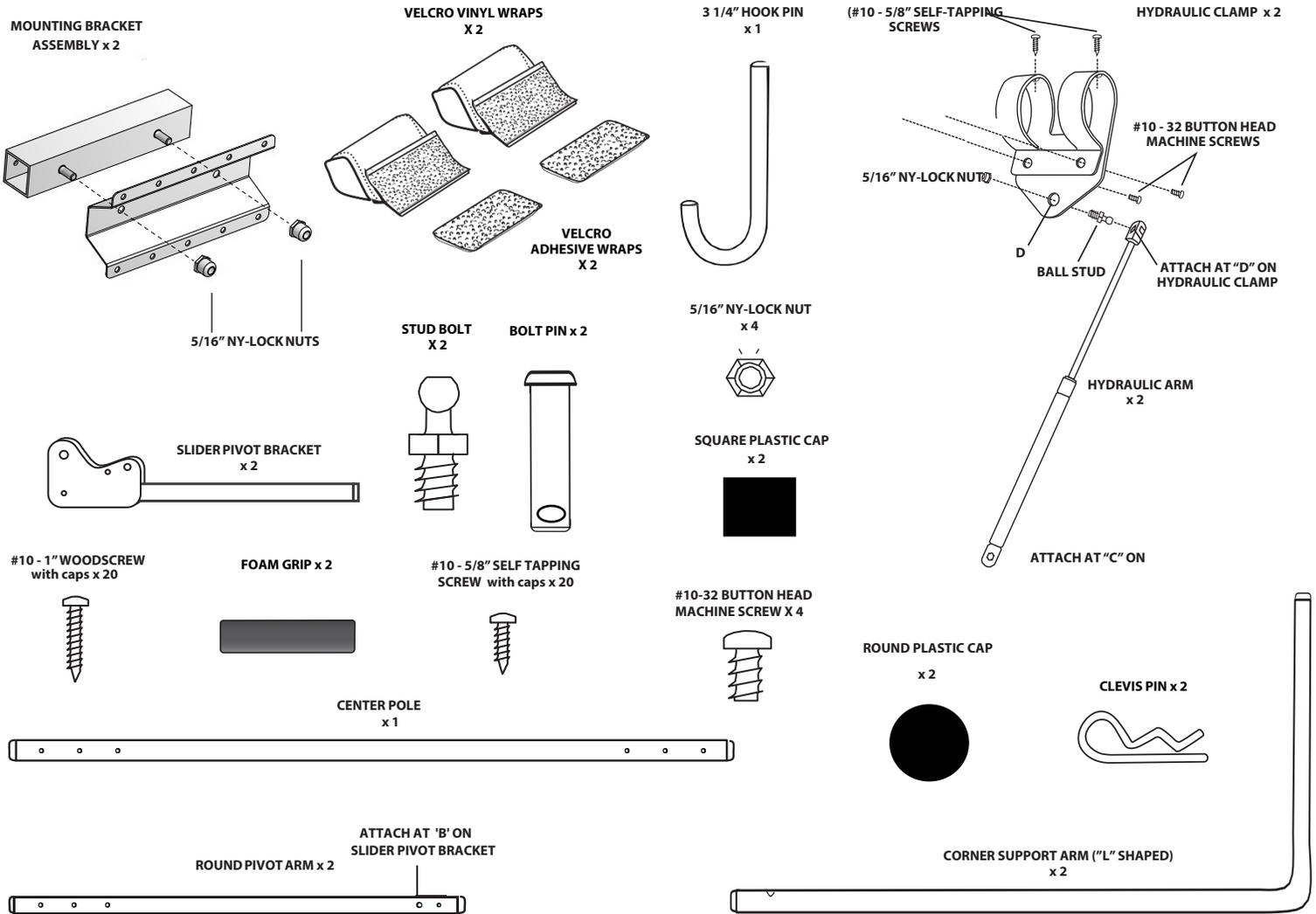
ULTRALIFT HM COVER LIFTER HYDRAULIC MOUNT

Side Mount at top of spa OR Deck Mount on in-ground tubs ONLY
Assembly, Installation Instructions & Parts List



Byron Originals
P.O. Box 279 · Ida Grove, IA 51445
712-364-3165 · 800-594-9421
www.byronoriginalsinc.com

PARTS LIST



PARTS

- Mounting Bracket Assembly (x2)
- Slider Pivot Bracket (x4)
- 3 1/4" Hook Pin (x1)
- Center Pole (x1)
- Round Pivot Arm (x2)
- Velcro Vinyl Wraps (x2)
- Velcro Adhesive Pads (x2)
- Foam Grip (x2)
- Hydraulic Arm (x2)
- Hydraulic Clamp (x2)
- Bolt Pin (x2)
- Clevis Pin (x2)
- #10 - 5/8" Self Tapping Screw (x21)
- #10 - 1" Woodscrew (x20)
- Stud Bolt (x4)
- 5/16" NY-Lock Nut (x4)
- #10-32 Button Head Machine Screw (x4)
- 1 1/4" Square Plastic Caps (x2)
- 1 1/4" Round Plastic Caps (x2)
- Corner Support Arm ("L" Shaped) (x2)

TOOLS LIST

- Phillips screwdriver
- Measuring tape
- Drill
- 1/8 drill bit
- Adjustable wrench

ULTRALIFT HM COVER LIFTER

Hydraulic Mount Application of the Velcro Tape

NOTE: Adhesive bond strength requires a minimum of 1 hour at temperatures between 68 and 100 degrees F before applying load. This dwell time is important for achieving a firm adhesive bond before using.

Clean and dry the cover before application. You can use any cleaner that will not leave a film or oily surface. We recommend using alcohol prep pads.

Center the Velcro tape along the folding seam of the cover, allowing a minimum of 52" between each Velcro strip. Peel the tape from the backing and press firmly into place.

CAUTION: **DO NOT USE**

the *UltraLift* in **windy** conditions. The spa cover may blow over and impact the spa user.

INSTALLATION INSTRUCTIONS

STEP 1

The spa cover must be in the closed position prior to mounting the lifter. Position the spa cover properly so it is sitting squarely on the spa. Assemble the 2-piece mounting bracket using 2 of the 5/16" ny-lock nuts. Attach the mounting bracket near the back, and close to the top edge of the spa, using the #10 - 1" woodscrews. To prevent splitting the wood skirt we recommend pre-drilling the holes with a 1/16" drill bit.

STEP 2

Slide the two vinyl Velcro wraps over the center pole and place in the middle of the spa cover. Insert the corner support arms so the center pole is situated parallel to the spa cover allowing between 1/2 inch and 1 inch of space from the center.

STEP 3

Using the holes identified as "B", by feeding the bolt pin through the bracket, through the round pivot arm, and through the other bracket, and secure using the clevis pin. Slide the slider support bracket into the mounting bracket on each side of the spa. Attach the pivot arm using the clevis pin.

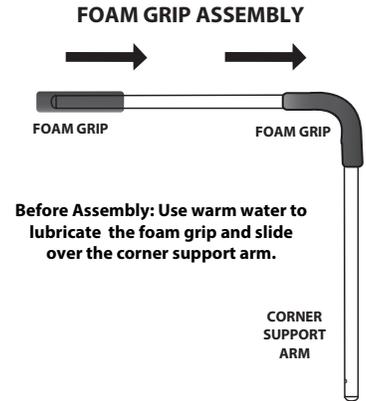


ILLUSTRATION FOR STEPS 4 & 5
ASSEMBLY OF CORNER ARMS TO PIVOT ARMS - FRONT VIEW

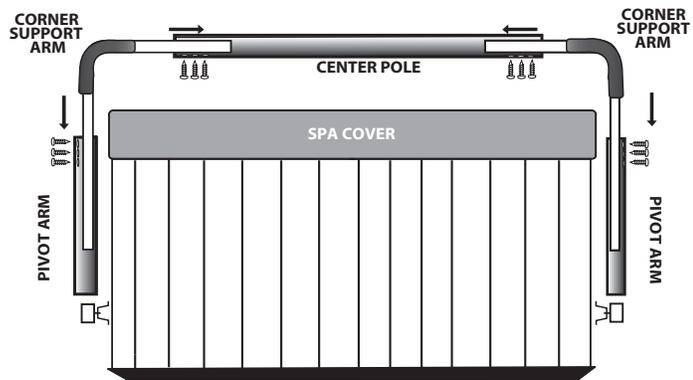
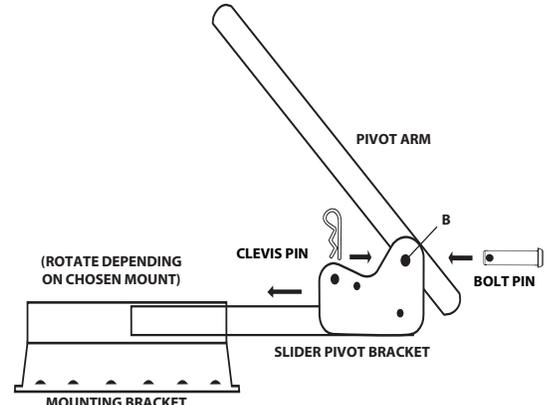


ILLUSTRATION FOR STEP 3
ASSEMBLY OF SLIDER ARM TO PIVOT ARM
SIDE VIEW



STEP 4

Slide the hydraulic clamp over the round pivot arm so that the flat side of the clamp is to the outside, pointing down. This will be positioned and tightened in Step 8.

STEP 5

Slide the corner support arm into the round side pivot arm and attach using six #10 - 5/8" self-tapping screws. Attach the center pole to the corner support arms using six of the #10 - 5/8" self-tapping screws. Pre-drilling for the screws is advised, once the final position is determined.

STEP 6

Slide the slider pivot bracket into the mounting bracket on each side of the spa, so the round pivot arm is reaching up, and the slider pivot brackets are equal distance from the end of the spa. We recommend you attach the slider pivot bracket to the mounting bracket by inserting one 5/8" screw on each side and then open the cover by folding it back over the centre pole and testing the position of the fully open cover. Once the desired position is reached, insert three more of the #10 - 5/8" screws into each mounting bracket. Insert the two round plastic caps into the open end of the round side pivot arms. Insert the square plastic caps into the open ends of the slider pivot bracket.

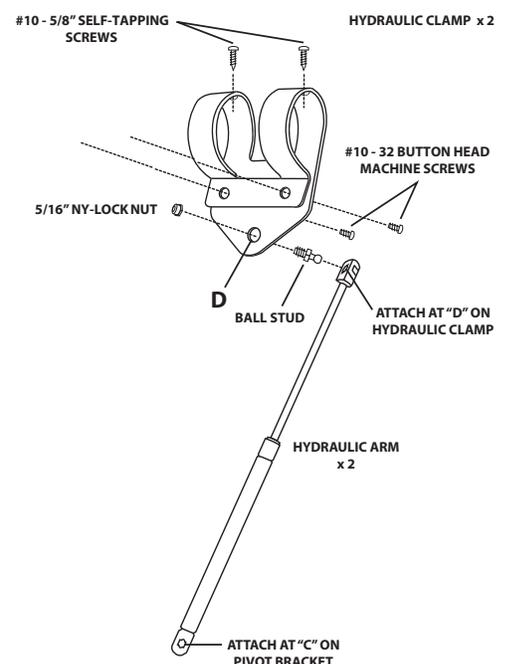
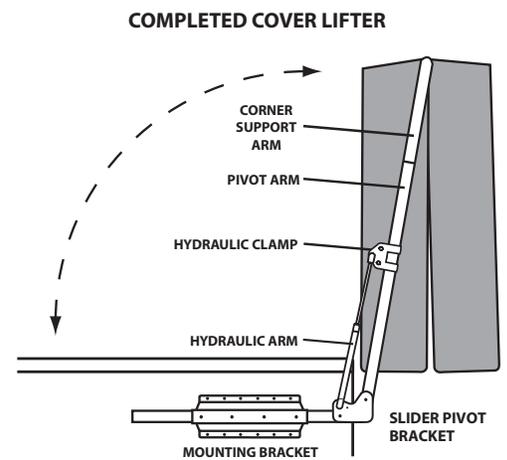
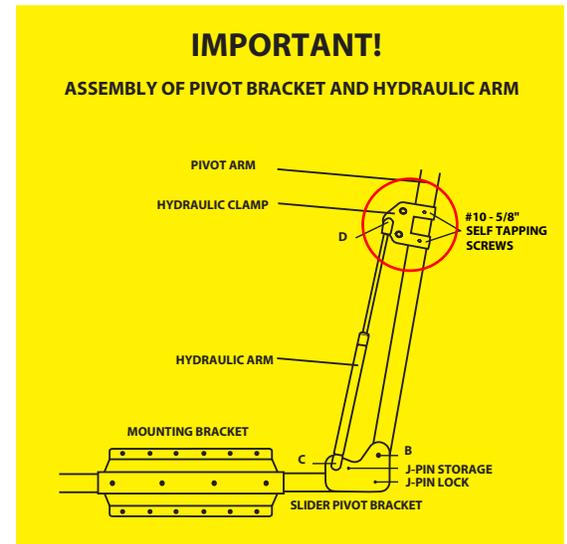
STEP 7

With the spa cover still open and in the upright position, attach the hydraulic arm as follows: Attach the larger end of the hydraulic arm to the OUTSIDE of the pivot bracket hole identified as "C" using a ball stud and one 5/16" ny-lock nut. Align the smaller end of the hydraulic arm with the hydraulic clamp, and attach on the outside of the clamp at hole "D" using a ball stud and one 5/16" ny-lock nut. Repeat on the other side of the spa. If you need to remove the hydraulic arm, GENTLY pry the half-circle collar to release the spring from the ball stud.

STEP 8

With the spa cover still open and in the upright position, tighten the hydraulic clamp into place using two #10 - 32 button head machine screws. Secure the hydraulic bracket in position on the pivot arm using two of the 5/8" self-tapping screws. Pre-drill these holes as well, once the final position is determined. Repeat on the other side of the spa.

NOTE: The J - pin is inserted into the pivot brackets and through the round pivot arm when the spa cover is in the open position for added safety and removed when the cover is to be closed. When the cover is closed, the J - pin can be inserted into "J - pin storage" for safe-keeping.





1 YEAR LIMITED WARRANTY

www.ByronOriginalsInc.com

(October 1, 2012)

The Warranty:

Byron Originals warrants to you (the Original Retail Purchaser) that, for the stated Warranty Term, Byron Originals will repair or replace any part of UltraLift Spa Cover Lifter which is defective in material or workmanship. It is important that you report to the Retailer from whom you purchased UltraLift, any defects as soon as they are detected. If it is impractical to report any defects to the Retailer, contact:

Byron Originals, Inc.

P. O. Box 279

Ida Grove, IA 51445 USA

Ph: 712-364-3165

info@byronoriginalsinc.com

After notification, you may be asked to return UltraLift to the Retailer from whom it was purchased or ship it back to Byron Originals for inspection. If you are requested to return UltraLift to Byron Originals, you will be responsible for the cost of such transportation. Byron Originals, after repair or replacement, will pay the cost of return shipping to you or to the Retailer from whom you purchased UltraLift.

NO RETURNS OF MERCHANDISE WILL BE ACCEPTED UNTIL A RETURN AUTHORIZATION NUMBER HAS BEEN ISSUED TO YOU BY BYRON ORIGINALS.

Warranty Term:

This warranty lasts 1 year from the date of purchase of UltraLift by the original retail purchaser. Warranty will terminate at the end of the 1 year period or at the time ownership of UltraLift transfers, whichever occurs first.

Limitations and Exclusions:

The following clauses that are listed may reduce Byron Originals responsibility under this warranty:

Implied Warranties:

Byron Originals makes no implied warranties (warranties the law sometimes implies to have been given by the seller even though they are not described in writing) of merchantability or fitness for a particular purpose. Some states do not allow an exclusion or limitation on how long an implied warranty lasts, so this exclusion may not apply to you.

Proof of Purchase:

Proof of purchase by the Original Retail Purchaser is required for Warranty Consideration.

Commercial Use:

This warranty is in effect only when UltraLift has been purchased for private residential use. Commercial use is not covered under this warranty.

Accidents, Abuse and Normal Wear:

This warranty does not cover damage resulting from negligence, abuse, normal wear or accidents. Examples of accidental and abusive damage include, but are not limited to the following:

1. Use of abrasive or unapproved cleaners that could cause surface damage.
2. Subjection to solvents or other chemicals which could deteriorate painted surfaces.
3. Use for any purpose other than as a spa cover lifter.

Consequential Damages:

Byron Originals will not be liable for any loss, expense, or damage other than to UltraLift, that may result from a defect in materials or workmanship. (Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above mentioned limitation may not apply to you.)

Your Warranty Rights:

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. Except for such other rights, the remedies provided under this warranty state the limit of Byron Originals' responsibilities.