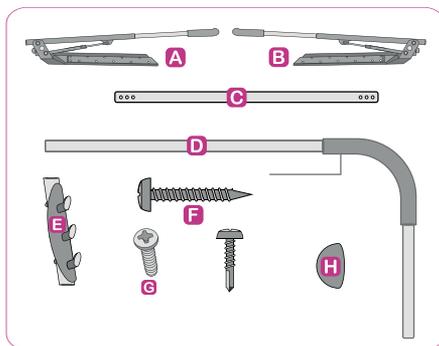


CBSP-1 / HS20.1 TOP MOUNT HYDRAULIC LIFTER INSTRUCTIONS



Parts List

Part	Description	QTY
A.	Right Bracket	1
B.	Left Bracket	1
C.	Center Coupler	1
D.	Corner Support Arm	2
E.	Towel Holder	1
F.	#10x1" Mounting Screws	22
G.	#10x5/8" Self Tapping Screws	12
H.	Small Black Dome Caps	36



Tools Needed: Power/Cordless Drill with Phillips bit and a tape measure.

Install Tips/Suggestions

To prevent splitting a wood cabinet, pre-drill holes with a 1/16" (1.5mm) drill bit. **DO NOT REMOVE** the bracket assembly **CABLE TIES** until instructed to do so in Step 6. Undoing the cable tie before this time will make the bracket arm spring up and make installation difficult.

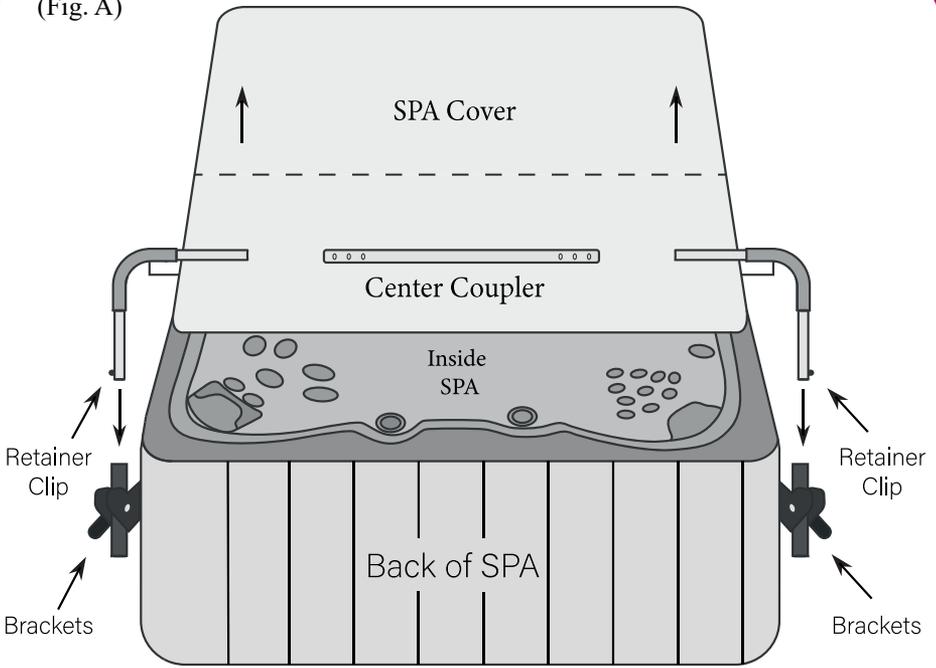
ACCESS must be provided to the cover lift lock lever.

TO USE your new Top Mount Hydraulic Cover Lifter, you will flip the spa cover back over the support bar that lays across the cover by the cover seam. Taking hold of the top corner of the lifter, lift the bar towards the back of the spa until the spa cover is in a vertical position. The top mount hydraulic lifter comes equipped with a safety lock that prevents the lid from shutting when in the open position.

To close the cover, lift the safety lock. Take hold of the top corner of the lifter and pull down towards the middle of the spa. Once the spa cover is lying on the spa, take hold of the top half of the cover pulling it up and forward to close the cover completely over the spa. Lock Cover.

1. Position the spa cover (in closed covered position) on the spa, making sure that a four corners are properly positioned and square on the spa.
2. Next slide the closed cover far enough forward to allow for frame and bracket to be connected to spa. Figure A.

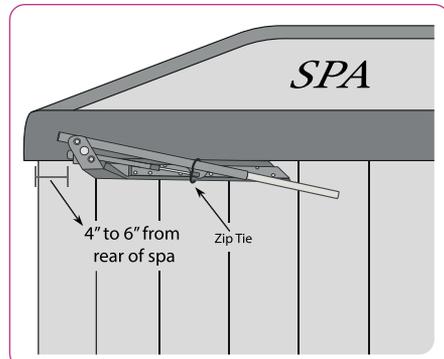
(Fig. A)



3. Attached the Left & Right Mounting Brackets Assembly to the appropriate side of the Spa Cabinet (using #10 x 1 mounting screws) Brackets must be fitted underneath the acrylic edge and between 4" - 6" from the rear of the spa cabinet. Figure B

TIP- Secure brackets using minimum amount of screws at this point, then come back with the rest when everything is assembled and aligned. For spas with larger radius corners, you may need to skip the few holes that are closer to the pivot area of the mounting Brackets.

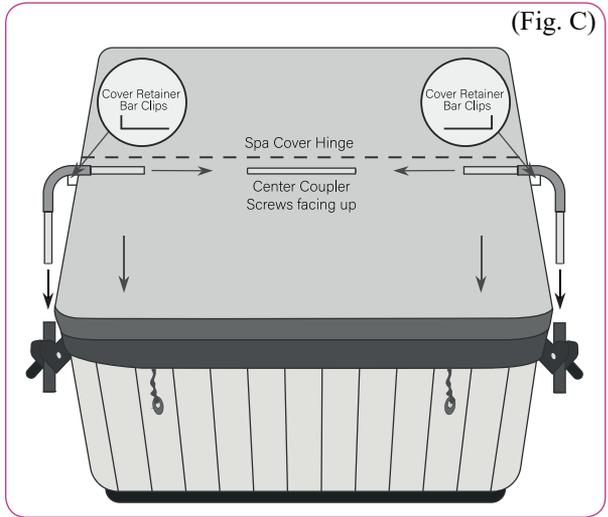
4. Take one of the Support Arms (D) and slide the thin retainer clip that's welded to the support arm Insert under the cover in between the 2 sides of the cover. The main support arm should rest on the top of the cover next to the hinge.



(Fig. B)

5. Slide the Center Coupler (C) over the end of the Corner Support Arm that's already in position. Take the second Support Arm and repeat #4 by sliding the welded retainer under the cover. Slide the end into the Center Coupler. Figure C

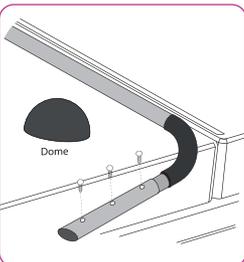
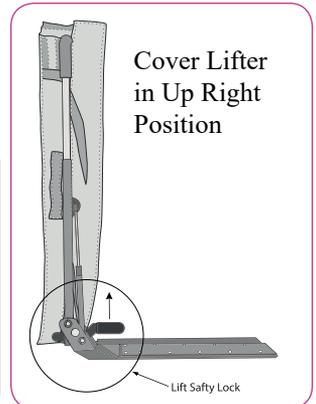
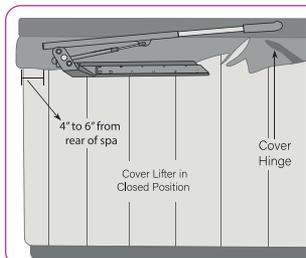
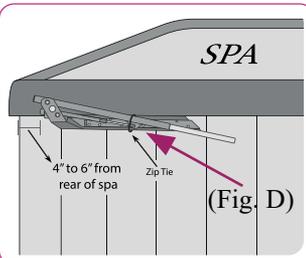
6. Line the completed Center Coupler Assembly next to the center seam of the cover. Slide Spa Cover and completed assembly slowly back towards the LEFT AND RIGHT Brackets. Inserting Corner Coupling into Bracket Arms. NOW Finish adding #10 x 1 wood screws you may have skipped in Step #2 7. Turn Center Coupler so the self tapping screws face upwards. Therefore the screw heads will not stick into the cover. Once the cover is situated correctly and the support arms are fully inside the assembled bracket arm, Secure the Center Coupler to the support arms (#10 x 5/8" screws).



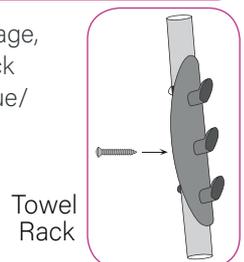
8. FLIP COVER OPEN ONTO/OVER CENTER BAR.

Attaching the Hydraulic Shock, first flip the spa cover over the lifter so it is folded in half, then manually flip the spa cover back to the open position. Snap the hydraulic over the Ball Joint.

IT IS NOW SAFE TO REMOVE ZIP TIES. Figure D



9. You may add the Towel Hook at this stage, using #10x 5/8" screws. Install on the black screw head domes. A small amount of glue/epoxy will help secure domes.



WARNING: Trying to close the cover without releasing the safety lock can result in damage to the lifter and cover.

DO NOT USE your cover lifter in high wind conditions (more than 10 mph). Injury from the spa cover being blown over and impacting the spa user can occur.

DO NOT leave lift open when not in use.

ENJOY YOUR NEW COVER LIFT!!

ONE YEAR WARRANTY

CBSP-1 /HS 20.1/ TOP MOUNT HYDRAULIC SHOCK LIFTER

ASM Manufacturing LLC warrants this product to be free from defects in workmanship and material, under normal use and service conditions, for a one-year Warranty.

This warranty extends only to the original purchaser. What we will do to help with warranty replacement. We will repair or replace the product subject to receiving acceptable photos and or the defective parts shipped to us freight prepaid. Our warranty does not include the return shipping cost of the replacement parts and or a new cover lift.

This warranty does not extend to any product or damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage or Specifically waterlogged spa covers or for commercial, rental purposes and or used as store display models.

No other warranty beyond that specifically set forth above is authorized and we are not responsible or liable for indirect, special or consequential damages arising out of or in connection with the use or performance of the product or damages with respect to any economic loss, loss of property, loss or revenues or profits, loss of enjoyment or use, costs of removal, installation or other consequential damages of whatsoever nature. Some states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to you.

The warranty extended hereunder is in lieu of any and all other warranties and any implied warranties for a particular purpose is limited in its scope and duration to the terms set forth herein.

Some states do not allow limitations on how long an implied warranty lasts. Accordingly, the above limitation may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



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