

## 1400 Rotating Adjustable Davit

### Parts List:

- x2 – Assembled Davit Arms with Head Castings (#1), 1” S.S Arms (#2), and Body Casting (#3)
- x2 – Pulley with snap shackle, rope
- x2 – 1 ¼” 316 S.S Standpipe (#4) with base (#10) attached, 1” 316 S.S Compression Strut (#5)
- x2 – Rail Mount Assembly (#6,7,8), Compression strut casting (#9), Spline casting (#13), Locking Collar (#14)
- x4 – S.S End Cap for Compression Struts
- x1 – Bolt Bag

### Available Options:

- #12 – *Gunnel Lock* – Essential for supporting hard dinghies, used to secure a solid wood or fiberglass dinghy to the davit.
- #20 / #21 – *Stabilizing Bar* – Used to eliminate the rotating ability of the davits, useful to mount different accessories such as a solar panel.

### Assembly:

1. Determine “Pickup Points” on dinghy. (See attached information sheets: “Bridle Construction”, “Determination of Pick-up Points”).
2. Universal rail castings are adjustable to meet ¾” – 1 ¼” railing. Loosely mount castings on rail (alternatively deck/transom using separate casting). Ensure you have determined proper the pickup centers.
3. Rotate casting on rail as so the standpipe can be inserted from below. Rotate back so that the standpipe is vertical (use a level), and the base casting meets the deck / transom. *If standpipe is not vertical, extra loads will be carried by your railing.*
4. Drill 5/16” holes for base and mount using the supplied bolts.
5. The assembled davit arm can now be mounted onto the 1 ¼” standpipe using the spline casting. “Caution” must be used to ensure the tube goes all the way into the spline casting.
6. The height of your dinghy above the water can be altered by altering the angle of the davits. It can also be lowered by cutting the length of the standpipe, speak with your customer service agent if extra height is required. Once the correct angle is determined, drill through the second hole in the spline casting and insert the “Locking Bolt” – DO NOT LIFT A FULL LOAD WITHOUT INSTALLING BOLT.
7. To assemble the compression strut, start by sliding the compression strut casting down all the way until it rests on the base casting. Attach the S.S end caps using the bolts provided, one to the compression strut casting, one to the body of the davit. Measure the distance inside and between the end caps, cut the 1” tubing to length using a hack saw. \*\*\*NOTE\*\*\* For complete rigidity and to ensure the load is transferred properly, the compression strut must be cut properly. When assembled the compression strut casting should be resting on the base. If cut too long, it will create a pivot point and cause the head casting to lift off of the standpipe. *Note: It is best to cut a little wide, and remove a 1/8” at a time until cut to proper length.*
8. Tie down your dinghy to prevent movement while under way. (See attached information sheets: “Dinghy Stabilization System”)