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# HUNTER 170 OPTIONAL SPINNAKER KIT

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| <b>H170 OPTIONAL SPINNAKER KIT INSTRUCTIONS</b> |          |
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## **INCLUDED:**

1. BOW SPRIT FITTING WITH 5 # 12 X 2" STAINLESS STEEL PAN HEAD SCREWS.
2. TACK LINE SWIVEL CLEAT WITH 3 #10 X 1 1/2" STAINLESS STEEL FLAT HEAD SCREWS.
3. SPINNAKER HALYARD ARTICULATING CLEAT FOR THE MAST WITH POP RIVETS.
4. 2 RATCHET BLOCKS WITH LANYARDS.
5. 4 SWIVEL BULLET BLOCKS WITH SPRING AND EYESTRAPS ASSEMBLY AND 8 #10 X 1" STAINLESS STEEL PAN HEAD SCREWS.
6. TACK LINE: 5mm X 15'.
7. SPINNAKER HALYARD: 1/4" X 45'.
8. SPINNAKER SHEETS: 1/4" X 70'.

## **TOOLS NECESSARY:**

1. 1/16" DRILL BIT
2. PHILLIPS HEAD SCREW DRIVER
3. SIKAFLEX 291 OR 3M 5200

## **INSTALLATION:**

THE BOW SPRIT FITTING IS DESIGNED TO BE REMOVED FOR TRAILERING OR NON-USE BY REMOVING THE SET SCREWS IN THE SOCKETS AND UNSHACKLING THE WIRE TAIL FROM THE BOW EYE. THE BOW SPRIT WILL HAVE A LITTLE PLAY IN THE ASSEMBLY WHEN THE SPINNAKER IS NOT SET. THE ASSEMBLY WILL FLEX DOWNWARD BUT WILL BECOME TAUGHT AS THE SPINNAKER FILLS AND THE WIRE TAIL COUNTERACTS THE UPWARD FORCE. DO NOT USE THE BOW SPRIT TO PICK THE BOAT UP OR MANUVER THE BOAT AROUND...AND DO BE CONSCIOUS OF ITS OVERHANG WHEN DOCKING THE BOAT!

1. PLACE THE BOW SPRIT ON THE BOW OF THE BOAT ABOVE THE PROFILE SUCH THAT THE CENTER MOUNTING HOLE ON THE BOW SPRIT IS ALIGNED WITH THE STEM HEAD FITTING. THE BOW STRAP SHOULD BE MOUNTED APPROXIMATELY 1/4" TO 1/2" ABOVE THE PROFILE SO THAT THE SET SCREWS IN THE SOCKETS DO NOT BOTTOM OUT ON THE PROFILE. THE BOW STRAP IS FLEXIBLE AND INWARD PRESSURE SHOULD BE APPLIED WHEN LINING UP THE SPRIT TO ASSURE THE "BEST" FIT TO THE CONTOUR OF THE BOW. MARK THE CENTER HOLE IN THE BOW STRAP AND THE 4 HOLES IN THE SOCKET FITTINGS. THE GOAL IS TO MOUNT THE SPRIT LEVEL AND WITH AS LITTLE GAP AS POSSIBLE BETWEEN THE BOW STRAP AND THE BOW OF THE BOAT. PRE-DRILL THE HOLES WITH THE 1/16" DRILL BIT AND APPLY A VERY GENEROUS AMOUNT OF SEALANT AROUND THE PILOT HOLES AND THE ENTIRE BOW STRAP SURFACE. SCREW IN THE FOWARD MOUNTING SCREW AND SNUG THE SCREW. INSTALL THE 4 AFT SCREWS IN A SIMILAR FASHION. AGAIN, THE GOAL IS TO MOUNT THE STRAP AS FLUSH AND SNUG TO THE BOW AS POSSIBLE.
2. MOUNT THE TACK LINE BLOCK ON THE STARBOARD DECK AT THE LOCATION PER THE PREVIOUS PAGE, BY PRE DRILLING AND CAULKING THE HOLES.
3. MOUNT THE 4 BULLET BLOCKS WITH SPRINGS IN GIVEN LOCATIONS.
4. MOUNT THE SPINNAKER HALYARD BLOCK TO THE MAST 4" BELOW THE GOOSENECK ON EITHER THE STARBOARD OR PORT SIDE OF THE MAST.
5. ATTACH THE RATCHET BLOCKS TO THE CENTER OPENING OF THE AFT MOORING CLEAT AT POSITION LOOPING THE LANYARD THROUGH THE BLOCK AND CLEAT SEVERAL TIMES TO AVOID EXCESSIVE CHAFFING OF THE LINE.

THE SPINNAKER HALYARD IS LEAD TO THE SWIVEL BLOCK ON THE MAST ABOVE THE UPPERS AND JIB ATTACHMENT. THE TACK LINES RUN FROM THE CLEAT, THROUGH THE BLOCK ON THE TIP OF THE SPRIT AND TO THE TACK OF THE SAIL. THE SPINNAKER SHEETS ARE CONTINUOUS AND RIGGED PER THE PREVIOUS DIAGRAM.