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TRMIRSYSVG

Mirror Systems

# Gnav

The Gnav is an alternative vang (if not backwards!) system that creates a lot of space under the boom where the kicker would have been situated. It uses a rigid rod that pushes down on top of the boom in the same place where the kicker would otherwise be pulling down.
The Trident vang system is easy to fit to both gaff rigged masts and the new Trident two-piece Bermudan mast. It can also be fitted to Selden and Superspar masts with a small modification (call for details).

This Gnav system does not include a way of cleating it as there are options that will suit some but not others. Options include:-

- a cleat on the mast, a 180° swivel cleat would be preferable or a standard clam cleat.
- control line can be lead aft to a cleat behind the dagger board case,
- or split either side of the daggerboard case to cleats on the thwart.

Another purchase to the Gnav control line may be required to make adjustment easier, this can be fitted to the mast, hull or boom – this will depend on how you intend to operate the Gnav, please call to discuss options if needed.

To fit the Gnav to the new Trident 2-piece Bermudan mast or a traditional gaff rigged mast, you will need a screw driver, drill and a rivet gun.

1. Rivet the pole mast eye (AL-A4332) using rivets ‘E’ to the back of the mast approx 42cm above the top of the gooseneck. The system works best when the angle of the eye is directed more at the boom than the 90° it is set at from the factory, it is possible to change the angle of the eye once fitted to the mast using a large adjustable spanner by tweaking each side gently to an angle of about 100°-110° from verticle.

2. Screw the track to the top of the boom using screws ‘D’ (in the aft 4 countersunk holes) such that its mid-point is approx. 40cm behind the front edge of the boom.

3. Slide the P clip into the front of the track, loop facing aft - it is held in place by the forward screw ‘B’ that holds the track to the boom.

4. Fit the slider (attached to the pole) into the track so the pole angles forward.

5. Attach the end stops using screws ‘A’.

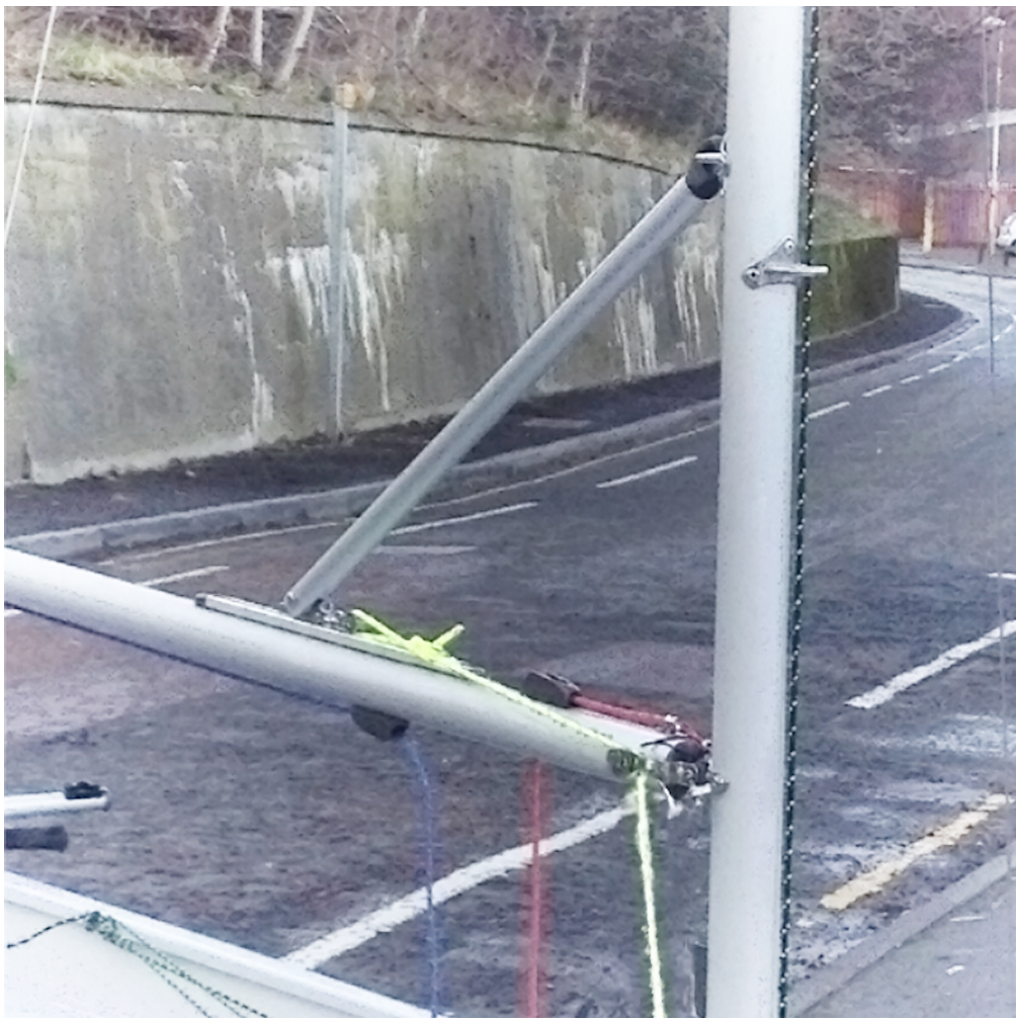
The Gnav will now be approx 45 degree angle between the mast and boom.

6. Rivet the cheek block onto one side of the boom by sharing the gooseneck fixing holes. Use Rivets ‘C’. The open end of the block faces aft.

7. Shackle block AL-A4078 to the forward tang of the track slider

8. Tie one end of the control line to the P clip and pass the other end through the block on the slider and then through the cheek block on the boom. This will generate a 2:1 purchase that can then be lead down the mast and be attached to the cleat of your choice

| Part No. | Description | Quantity | Picked |
|---|---|---|---|
| | 25mm Alloy Tube 22” long drilled and slotted | 1 | |
| R2701 | Track | 1 | |
| R2770 | Track Stop Ends | 2 | |
| R2750 | RWO Slide | 1 | |
| AL-A4332 | Spinny Pole Mast Eye | 1 | |
| SN534-830 | Spinny Pole Piston End | 1 | |
| BW-150051 | 5mm Strip Shackle | 1 | |
| Al-A4035 | Stainless Steel P Clip | 1 | |
| BA00160 | Cheek Block | 1 | |
| AL-A4078 | Block | 1 | |
| | Magic Speed Rope 4mm | 1.2M | |
| A | Screws No.8 x ¾ “ Counter sunk | 2 | |
| B | Screws No.8 x ¾ “ Pan head | 1 | |
| C | Pop Rivets 5mm | 2 | |
| D | Screws No.6 x 3/8” Counter sunk | 4 | |
| E | Pop Rivets 5mm | 3 | |



**We hope you are fully satisfied with your new purchase, if however you require any further assistance please feel free to contact us on**
**sales@tridentuk.com or 0191 4901736**
**And check out www.tridentuk.com for more great sailing kit and ideas**