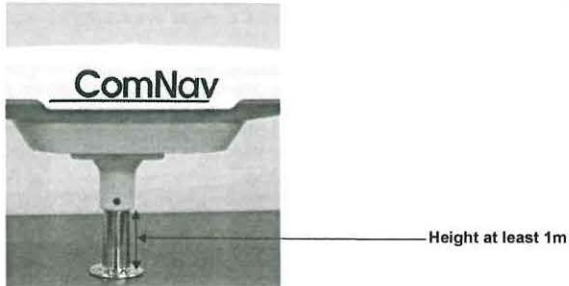


- 4) Hold the G2/G2B's power/data cable and slide the gasket & the pole base together all the way towards G1/G2B unit to fully seat the connector to the base.
- 5) Align 4 holes on the gasket and the pole base with the 4 holes on the base of the G2/G2B unit. Using the screws supplied (M8X12), fasten them firmly.
- 6) Thread the pole base onto the threaded pole, until the pole is fully threaded in.



- 7) Align the pole and the GPS as described in "Alignment" section in the G2/G2B Manual, and fasten the pole securely to the vessel, using appropriate fasteners, clamps etc. of your choice; ComNav recommends that all hardware be corrosion-resistant.
- 8) Lock the set-screw (circled) on the pole base so that the base will not rotate on the pole.



- 9) Please note that the pole mounting option does not meet IEC 60945, section 8.7 ("ability to withstand vibration").

## Pole Mount Kit for G2/G2B GNSS Compass Installation Brief



Pole mount kit is used for mounting G2/G2B GNSS Compass on the pole when there is a location with limited clearance or flat space to accommodate the unit. This configuration is also useful in mounting the G2/G2B elevated above other surfaces or equipment.

### Parts required

- a G2/G2B Pole Mount Kit (PN 31220026), consisting of the following parts (Pre-assembled):

Item	Part Number	Description	Quantity
1	31220007	Pole Mount	1
2	31220027	Pole Mount Plate	1
3	65010029	Screw, M8 X 16 Low Profile Head Cap	4
4	65010027	Setscrew, M10 X10 Socket, 18-8 Locking	1
5	65010026	Screw, M8 X 12, Socket Head Cap	4

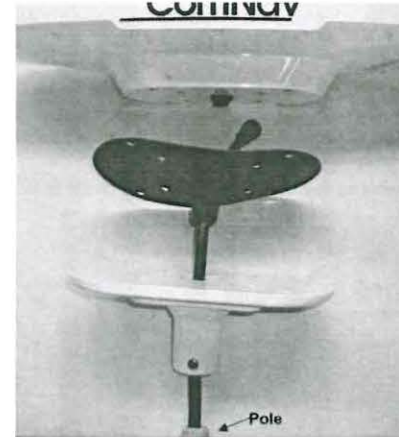
*Note: Item 1 to 4 are Pre-assembled at factory.*

- G2/G2B gasket (supplied with the system)
- G2/G2B GNSS Compass unit.
- G2/G2B Cable Assembly (supplied with the system)



### Procedure

- 1) Install a threaded mounting pole at the location you have chosen. The pole must be supplied by you; it must have an appropriate height & meet the signals reception criteria for the location (see "GNSS & Radiobeacon Reception Considerations" in the G2/G2B Manual for details), and must have M25-2 threads on one or both ends. If you are mounting the pole on a surface, drill & de-burr a hole in the surface, centered in the pole, with a diameter at least slightly larger than the G2/G2B's cable
- 2) Route the free end of the G2/G2B's power/data cable through the rubber gasket and then the pole base, from the top side of the gasket and the base. Then route it down through the pole, and on through any surfaces &/or bulkheads (as necessary) – as far as required into the vessel. Leave some slack in the cable, below the bottom of the pole – enough to allow you to move the connected cable a short ways out of the pole, for easier removal of the G2/G2B from the pole &/or pole base, should that ever be necessary.



- 3) Align the connector key tab to the slot of the receptacle mounted on the G2/G2B unit and press the connector on. Rotate the connector locking ring clock wise to secure the connector to the unit

