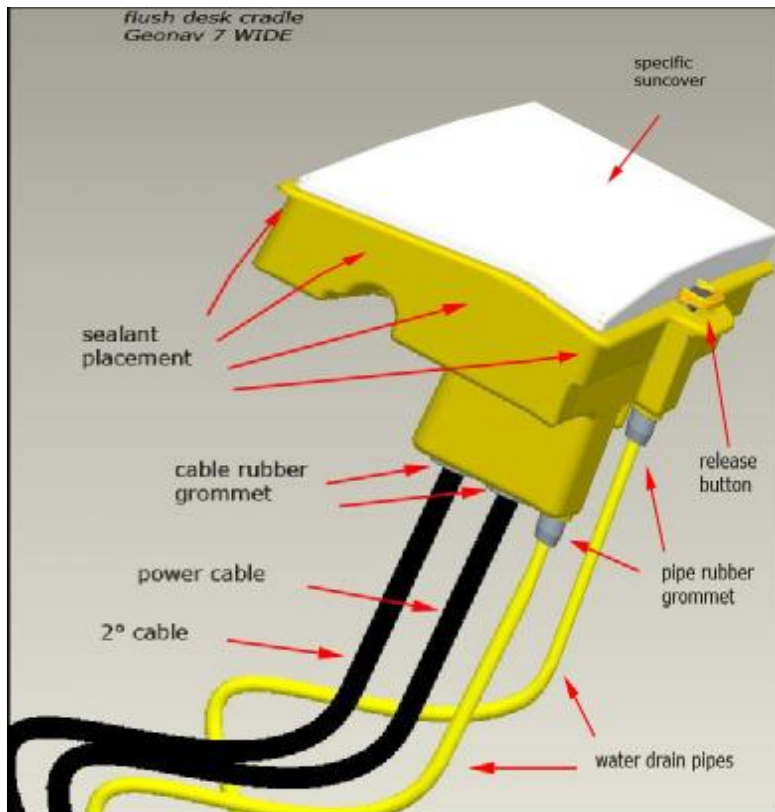


Installation Guide of the Flush Desk Cradle

1. Index

1. Index	1
2. Short guide	1
3. Guide	2
4. Dimensions	2
5. Contents of the pack.....	2
6. Tools	3
7. Drilling of the instrument panel	3
8. Preparation and gluing	3
9. Plotter installation.....	9
10. Suncover and plotter removal	11

2. Short guide



3. Guide

This document includes the installation instructions for the Geonav 7 WIDE flush desk fitted cradle.

The fitted cradle encases the GEONAV 7 WIDE in the flush desk without jutting edges.

4. Dimensions

The maximum overall dimensions of the flush desk cradle are:
width 233,5mm
height 165,5mm
depth 150mm

The details of the depth size are found on the drilling template included in the pack.

Note: all the above stated dimensions are maximum measurements.

5. Contents of the pack

Please make sure that the pack is intact. The contents include:

1. **Cradle assembly**, with the uncouple lever inserted and fixed with stainless-steel screws.
2. A **specific suncover**, with an adhesive label giving the instructions on how to remove the plotter from the cradle.
3. A plastic envelope containing:
 - **Pipe rubber grommet** for water drain tubes (3 pieces, 2 plus 1 spare);
 - **Cable rubber grommet with hole diameter 5.9mm** for power supply cable / fish finder (product code P1017970) (2 pieces, 1+1 spare);
 - **Cable rubber grommet with hole diameter 4,2mm** for power supply and data cable (product code P1015860) (2 pieces, 1+1 spare);
 - **Adapter** that clicks in to block the plotter in the cradle.
4. **Plastic tube 6*4mm** diameter for pneumatic application (external diameter 6mm, thickness of edges 1mm), 2 mt).
5. **Drilling template** for cutting the panel (1 piece).

6. Tools

Before installing the flush desk cradle on the instrument panel, make sure you have the following tools:

- Drilling template;
- Electric drill;
- Jigsaw;
- Sealant (pref. acetic silicone);
- File;
- Cutter;
- Screwdriver;
- Adhesive tape;
- Cable clips.

7. Drilling of the instrument panel

Take the drilling template and put it on the instrument panel where the plotter has to be installed, fixing it with adhesive tape.

Drill a hole in the best point along the drilling template to insert the blade of the jigsaw.

Cut along the drilling template leaving enough space for the polishing. Polish the cut edges with a suitable file.

Remove the residue from the unit panel, the drilling template and then clean.

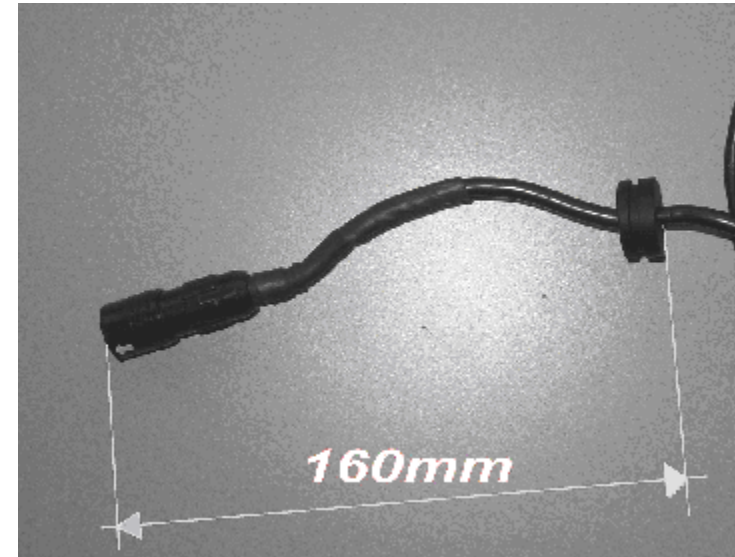
8. Preparation and gluing

Before continuing with the installation, insert the cable and the water drain tubes into the flush desk cradle.

Open the envelope containing the rubber grommet and proceed as described below depending on the type of cable model used:

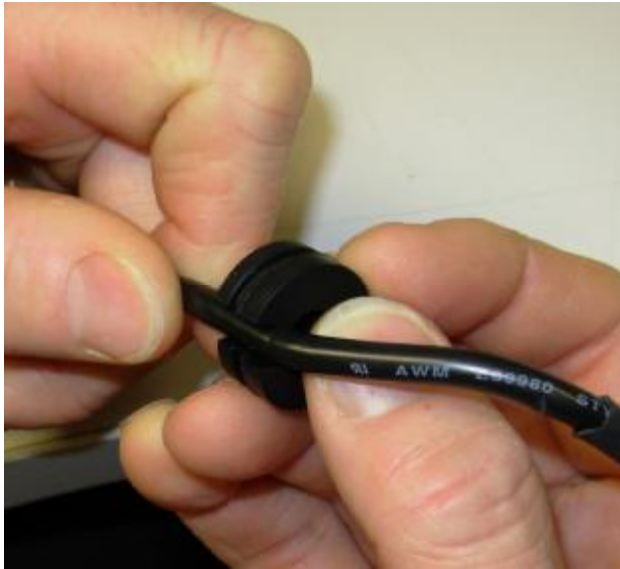
- ü Power supply and data cable (product code P1015860, no fish finder), take one cable rubber grommet with inner diameter 4.2 mm and insert the cable wire side up.

- ü Slide the cable rubber grommet along the power cable for 160 mm, as illustrated below.

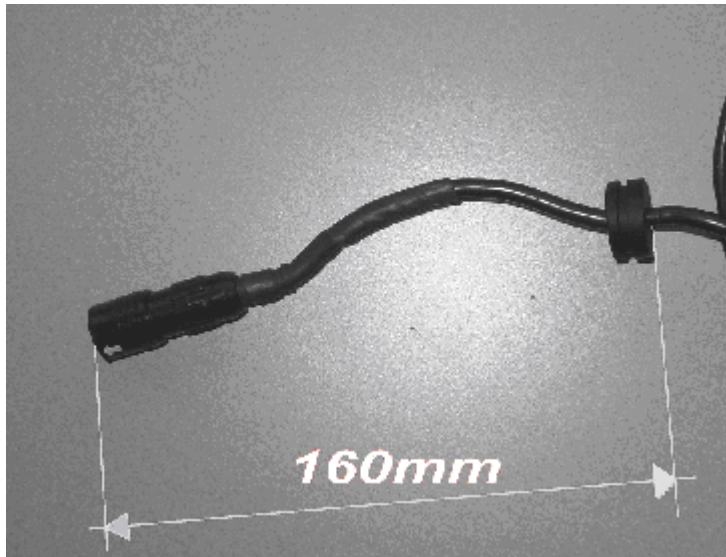


- ü Power and fish finder cable (product code P1017970), use the cable rubber grommet with hole diameter 5.9mm and make a radial cut on it to run the cable through the rubber. See photos below.





- ü Slide the cable rubber grommet along the power cable for 160 mm, as illustrated below.



- ü To guarantee water retention, insert 2 pipe rubber grommets at the two ends of 6 mm diameter plastic tube, as illustrated in the photos below.



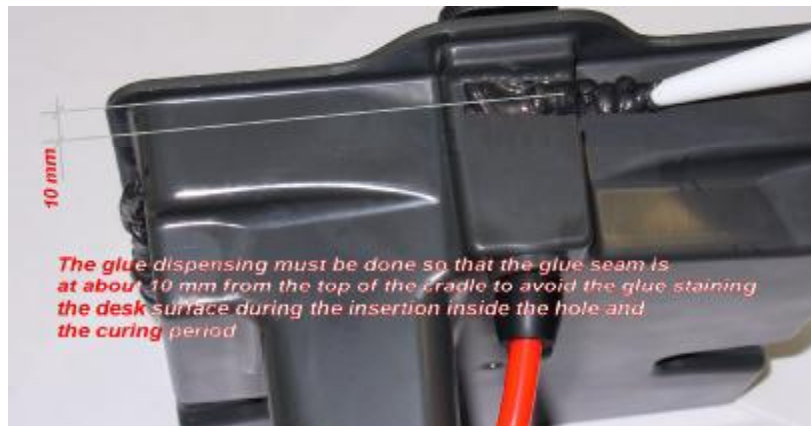
- ü Make sure that the tube is inserted right up to the end of the rubber grommet.
- ü Cut the tubes at the required length, then insert them in the correct holes, with the help of a screwdriver, if required, taking care not to cut the rubber. (See photos below).



- ü If required, seal up the rubber grommet on the external surface with acetic silicone (especially on unit panels where access is not easy).
- ü Block the water drain tubes and the power supply cable in a single plait using normal cable clips if necessary (See below).



- ü Proceed to gluing the cradle with a sealant (preferably acetic silicone), put it generously along the external edge of the cradle, as illustrated below.

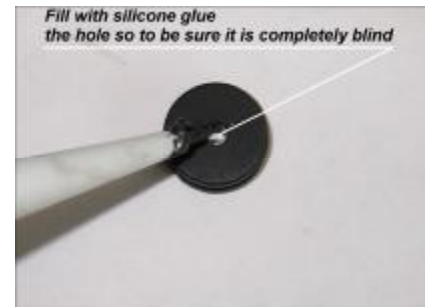


- ü While placing the cradle make sure that the sealant does not fill the holes for the suncover. If necessary, carefully clean the area.
- ü Position the water drain tubes and cable appropriately.
- ü Allow the sealant to dry properly (respecting the time indicated in the instructions of the product used then proceed with the plotter installation).

- ▶ The flush desk cradle of the Geonav 7 WIDE is provided with a second hole to be used with a second cable, if it will be introduced in future development of the equipment.

If the second hole is not utilized, it must be completely closed as described in the following procedure :

- ü Take a cable rubber grommet with inner diameter 4.2mm and fill it completely using silicon glue (see photo).



- ü Insert this rubber grommet in the top hole of the flush desk cradle and if required seal it up on the external surface with acetic silicone (see photo).



9. Plotter installation

Insert the adapter included in the plastic envelope in the proper slot on the rear cover of the plotter (See below).



Plug the power supply cable into the back of the plotter observing the direction as indicated by the positioning arrow. Bend the cable to fit it into the slot under the cradle (avoid forcing) (See photos).



Align the upper side of the plotter with the upper rest of the cradle.



Rotate the plotter to block it (see photo below).



Insert the suncover as illustrated, rotating until it locks into position.

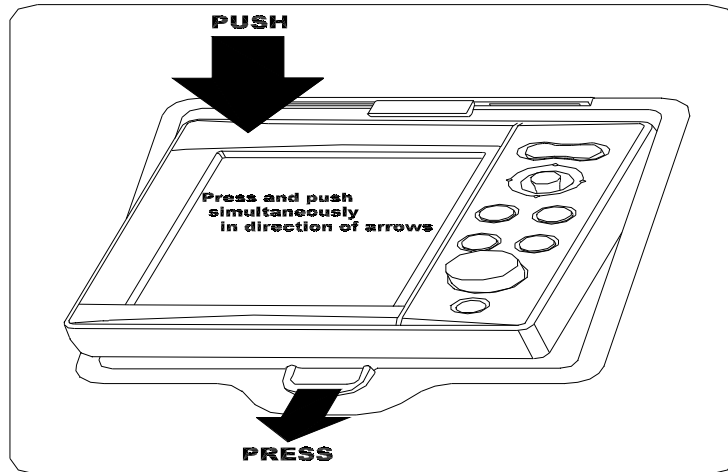


10. Suncover and plotter removal

Light pressure on the uncouple lever unlocks the suncover.

Remove the suncover after taking it from the hooks on the upper side of the cradle.

Unblock the plotter by pushing the uncouple lever with pressure at the same time as pressing one of the upper corners of the unit (See illustration below).



Remove the power cable and replace the suncover.