

Securing the Antenna Unit's Bottom Cover

Reports from the field have reached us in which it is reported that severe weather conditions, e.g., heavy waves splashing against the Artemis station, may cause the snap locks with which the Bottom Cover is fastened to the Artemis MK5 Antenna Unit to become undone.

It is obvious that this happening impairs the water tightness of the unit and that this may cause extensive water damage to the unit if the snap locks becoming undone is not noticed and corrected in time.

Although the snap locks are at the factory adjusted tight and considerable force is required to open the snap locks, it may be that after some years the snap locks loose some of their tightness and that they become undone easier.

To avoid the snap locks becoming undone some years ago already lockable snap locks were fitted to the Artemis Antenna Unit. The eyelet of this type of snap lock offers the possibility to secure the snap locks by inserting for example a pad lock, a cable tie, a stainless steel M6 socket-head bolt with spring washer and nut (photo 1) or a snap harness (photo 2). The latter has the advantage that no tools are required to remove it, but has the disadvantage that it may damage the paint.

With new delivered Artemis MK5 stations a set of four stainless steel M6x16 mm securing bolts complete with spring washers and nuts will be supplied. For earlier delivered stations these sets are available from our agent Reson at no charge.



Photo 1



Photo 2

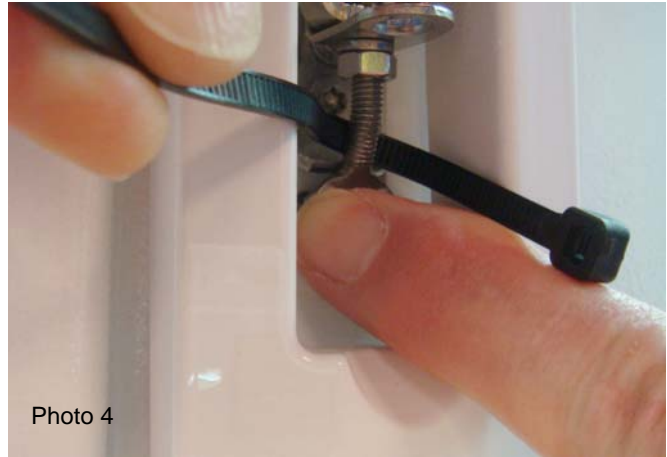
Since the snap locks of older Antenna Units cannot be replaced in the field by lockable snap locks, for these Antenna Units an alternative is the use of a cable tie to secure each snap lock. Photos 3 through 9 on page 2 show how this is done.

Apart from this it is advised to check the tightness of the snap locks yearly and adjust the tightness with the nut shown on photo 3, if necessary. This periodic check and adjustment may be combined with the application of grease to the unit's labyrinth every year as described in Engineering Note EN5-14.

Distribution

CHL NETHERLANDS B.V. : Production, Engineering, Sales, Documentation
Reson B.V. : Technical Department, Sales
Other : [All Artemis MK5 users (through Reson B.V.)]

Artemis MK5 Engineering Note EN5-15



Note: The above photos were made of a unit with lockable snap locks as no unit without these was available. The eyelet shown is not present on the snap locks of older units. The snap locks of older units without lockable snap locks may be replaced by lockable snap locks at our factory. To ensure water tightness replacement other than in our factory is not recommended.