

Installation

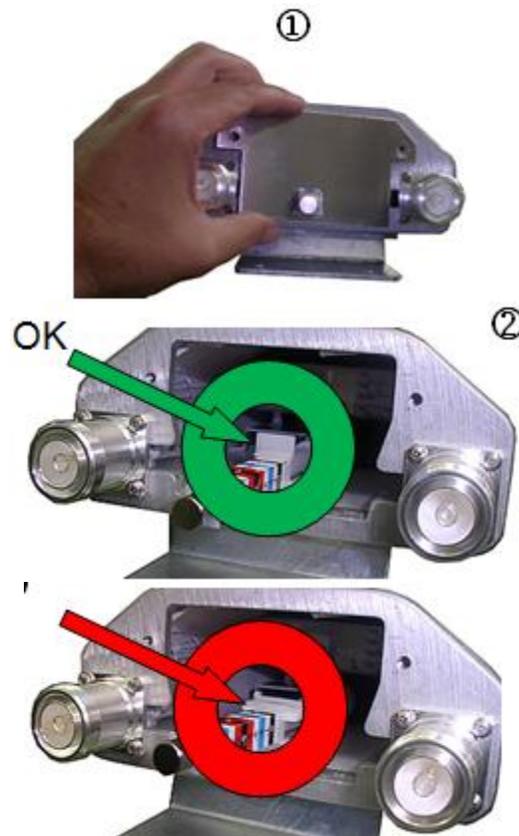
NOTE The installation of a remote electrical tilt unit **REQUIRES** reaching the bottom of the antenna which may imply working high above ground level. This intervention should **ONLY** be carried out by **QUALIFIED** workers who are **AWARE** of applicable local regulations. The implied precautions and obligations are not detailed here.

1. Record the serial number shown on the RET-Cassette label.
2. Record the serial number of the antenna in which it will be installed.

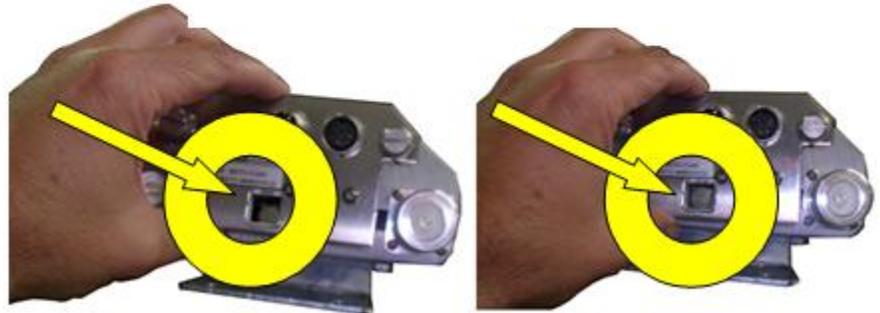
NOTE The RET-Cassette is delivered with protective caps on its two AISG connectors. **LEAVE** these caps in place **DURING** installation until the control cables are ready to be connected.

3. Unscrew the plate at the bottom of the antenna.

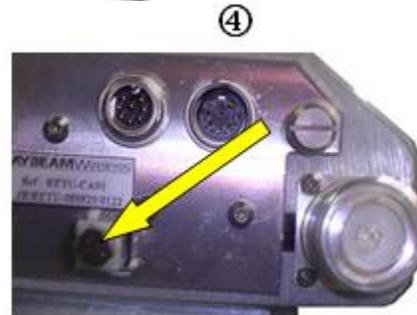
4. Make sure the tilt indicator stays in the correct position.



5. Insert the RET unit by sliding the tilt indicator through the square opening in the metallic plate.



6. Check to make sure that the RET unit was installed correctly by rotating the screw of the tilt indicator with a 10 mm spanner in order to verify that the gearing is connected to the antenna. The screw **SHOULD NOT** turn easily.



7. Turn the captive screws by hand as tight as possible.



NOTE There is one RET reference number for each antenna type. Please check their compatibility **BEFORE** use.

NOTE Once the RET has been detected (scanned) and commissioned (added) in the AISG controller, it is ready to be used. The RET is self-calibrated by automatic reading of the position sensors inside the antenna to determine the current tilt value. Therefore it needs no calibration. However we **strongly recommend** to use the 'Calibrate' command on each RET once the installation is done (after configuration upgrade if necessary) in order to exercise the motor by making it move through its full displacement range and to check that it is working without error. After a 'Calibrate' command has been executed, the RET will go back to the tilt value where it was originally set.



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