

## Brief Installation Manual GTTS-2000B

Prior to, or just after, (mechanical) installation the GTTS unit shall be activated in the Iridium Satellite Network.

Send an email to [GTTsactivate@gtt.eu](mailto:GTTsactivate@gtt.eu) with a list of IMEI numbers from the units that needs to be activated. Only activation requests from authorized dealers will be processed. The IMEI numbers can be found on 2 different barcode labels on the bottom of the unit and also on a barcode label on the carton packing. IMEI nr. always starts with 300034.....

Activation is normally realized within 2 hours during GTTSystem B.V. business hours.  
Your subscription starts from this day.

The GTTS-2000B is very easy to install. It shall be installed in horizontal position onto a (ferro) steel surface with no obstructions to the sky above.

As soon as the GTTS-2000B is mounted onto ferrous metal, it will be switched on automatically.

If the GTTS is provided with magnets, be aware. These magnets are very strong!!!

The GTTS-2000B will send a first GPS position immediately to confirm the unit is switched on and working properly. Please note that it can take several minutes before a message from the unit is received (depending on satellites in sight). GPS takes typically 40..50 seconds for a cold start fix.

Latency in the Iridium Network is very low. Typical values measured 12 .. 15 seconds

When the GTTS-2000B is removed from ferrous metal, it will be triggered to send a 'sabotage message'. As soon as the 'sabotage message' is sent, the GTTS-2000B will switch into the power-down state again (factory power-down state).

When not in power-down mode, the GTTS-2000B will send a battery status message every 10080 minutes (1 week).

The complete Installation and User's manual can be found on <http://www.gtt.eu/products.php> in pdf format.

### Installation with magnet mounting

Holding the GTTS-2000B with both hands, hold it over the area where it shall be placed. Tilt the GTTS-2000B appr. 45 degrees as shown in figure 3 below. Then lower it onto the steel surface and turn the GTTS-2000B until the magnets make contact with the steel surface. Try to do this as controlled as possible to avoid a 'slam' and keep your fingers free from the GTTS-2000B surface contact area. Slamming the unit onto the steel surface could cause damage due to extreme G-forces that might occur.

Reverse this procedure to remove an unit.

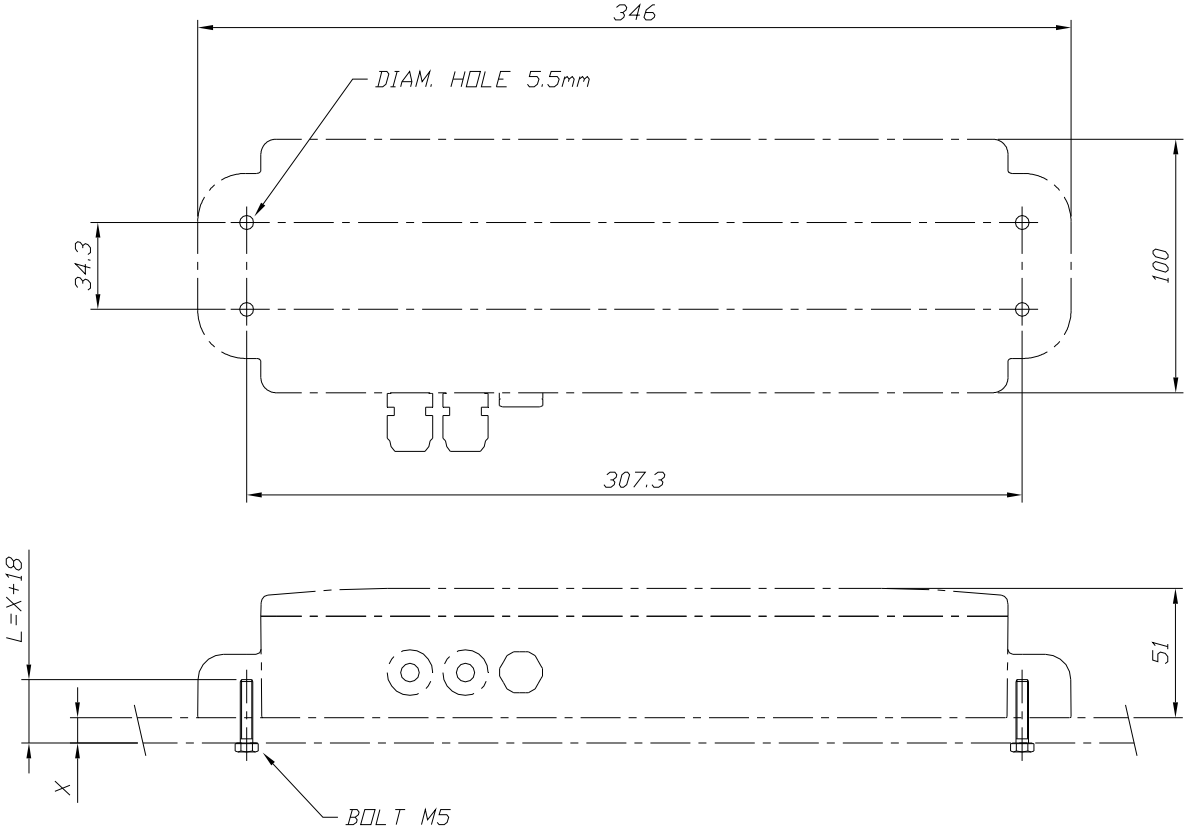
Never try to slide a unit. This will damage the magnetic's corrosion protective coating and the steel (paint) surface it is mounted on.



**2.3.2 Installation with screw mounting**

If the GTTS-2000B should be installed using 4 pieces M5 bolts, the bolts shall not be longer than 18mm plus the steel surface thickness.

Drill 4 holes Ø 5,5 mm according the drill plan. See figure below



X is steel surface thickness  
Bolt M5 maximum length is X+18 mm