



Bracket for Radio

How to install and use

Version 1.1

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How to use Bracket for Radio

This is the easy way to connect a JAVAD GNSS radio to the geodetic pole using this bracket.

Installation options:

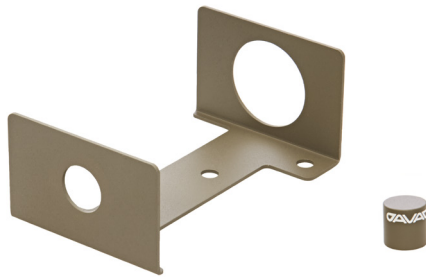


Figure 1. Mounting bracket for radio



Figure 2. Bracket attached to HPT404BT



Figure 3. Bracket attached to HPT435BT



INSTALLATION STEPS:

A. HPT404BT, HPT401BT without battery, JLink 3G without battery:

1. Screw off two M6-1.0X6 screws p/n 16-090001-01 as shown on the pictures below:

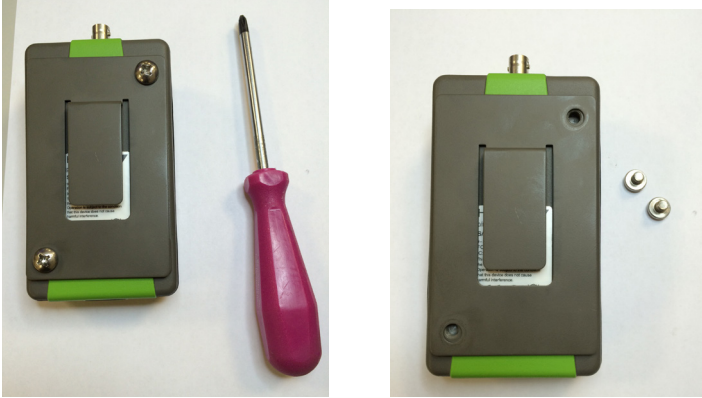


Figure 1.

2. Remove old Mounting Bracket p/n 10-587302-01 as shown on the picture below:



Figure 2.

3. Install new Bracket p/n 10-587303-01 as shown on the picture below:

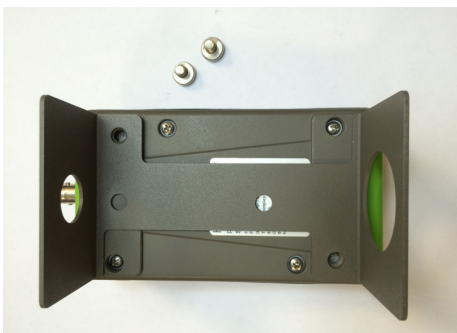


Figure 3.

4. Tighten with screw driver two M6-1.0X6 screws p/n 16-090001-01 as shown on the picture below:



Figure 4.

The new bracket is installed and ready to use

B. HPT435BT, HPT401BT with battery, JLink 3G with battery:

1. Screw off two M6-1.0X10 screws p/n 16-080008-01 with Teflon washer p/n 16-590419-01 as shown on the pictures below:

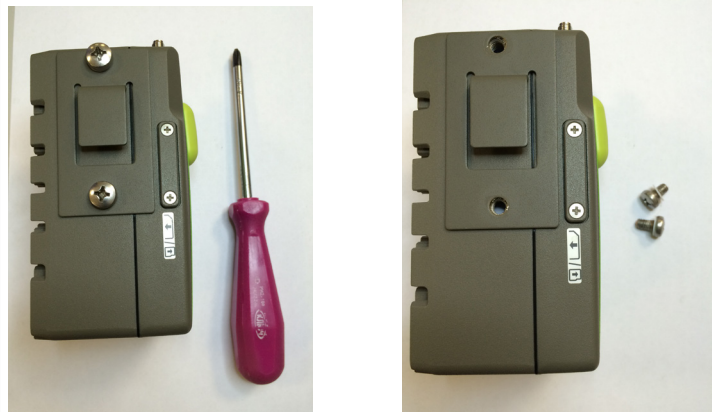


Figure 5.

2. Remove old Mounting Bracket p/n 10-587102-01 as shown on the picture below:

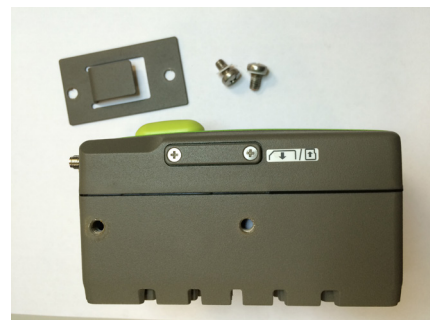


Figure 6.

3. Install new Bracket p/n 10-587303-01 as shown on the picture below:



Figure 7.

4. Remove 0.017-oz / 0.5ml Capsule of Loctite 263 Threadlocker (p/n 17-000050-01) from the bag as shown on the picture below:



Figure 8.

5. Prepare two M6-1.0X10 screws p/n 16-080008-01 and make sure Teflon washer p/n 16-590419-01 is installed as shown on the picture below:



Figure 9.

6. Put Loctite 263 Threadlocker from the Capsule on the thread of the first screw M6-1.0X10 p/n 16-080008-01 as shown on the pictures below:

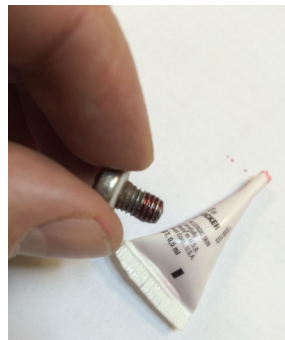
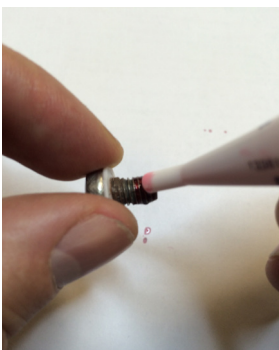


Figure 10.

7. Tighten by hand or with screw driver with little torque the first screw M6-1.0X10 p/n 16-080008-01 as shown on the picture below:

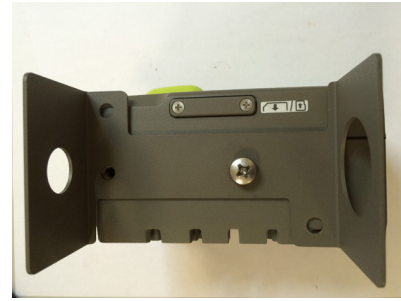


Figure 11.

8. Put Loctite 263 Threadlocker from the Capsule on the thread of the second screw M6-1.0X10 p/n 16-080008-01 as shown on the picture 10.

9. Tighten by hand or with screw driver with little torque the second screw M6-1.0X10 p/n 16-080008-01 as shown on the picture below:



Figure 12.

10. Tighten with screw driver the both screws M6-1.0X10 p/n 16-080008-01 as shown on the picture.

The new bracket is installed and ready to use

C. HPT435BT with fan:

1. Screw off two M6-1.0X10 screws p/n 16-080008-01 with Teflon washer p/n 16-590419-01 as shown on the pictures below:

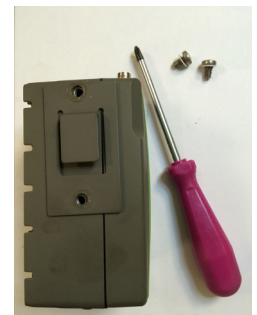


Figure 13.

2. Remove old Mounting Bracket p/n 10-587102-01 as shown on the picture below:

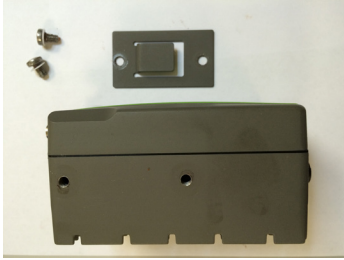


Figure 14.

3. Take Fan p/n 02-587101-31 as shown on the pictures below:



4. Install Fan p/n 02-587101-31 as shown on the picture below:



Figure 15.

5. Install new Bracket p/n 10-587303-01 as shown on the picture below:

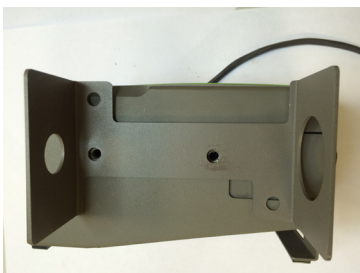


Figure 16.

6. Remove 0.017-oz / 0.5ml Capsule of Loctite 263 Threadlocker (p/n 17-000050-01) from the bag as shown on the picture below:



Figure 17.

7. Prepare two M6-1.0X10 screws p/n 16-080008-01 and make sure Teflon washer p/n 16-590419-01 is installed as shown on the picture below:



Figure 18.

8. Put Loctite 263 Threadlocker from the Capsule on the thread of the first screw M6-1.0X10 p/n 16-080008-01 as shown on the pictures below:

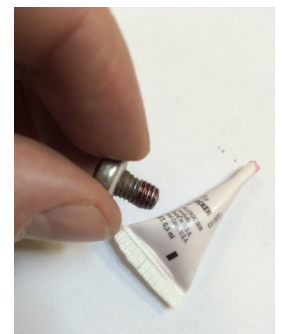
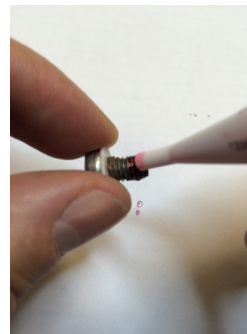


Figure 19.

9. Tighten by hand or with screw driver with little torque the first screw M6-1.0X10 p/n 16-080008-01 as shown on the picture below:



Figure 20.

10. Put Loctite 263 Threadlocker from the Capsule

on the thread of the second screw M6-1.0X10 p/n 16-080008-01 as shown on the picture 19.

11. Tighten by hand or with screw driver with little torque the second screw M6-1.0X10 p/n 16-080008-01 as shown on the picture below:

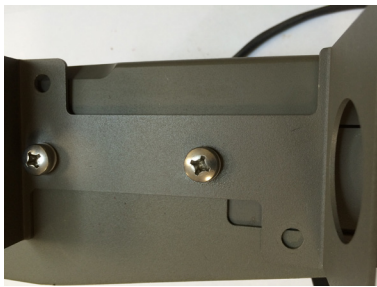


Figure 21.

12. Tighten with screw driver the both screws M6-1.0X10 p/n 16-080008-01

The fan and new bracket are installed and ready to use.



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