



Fan for Radio

How to install and use

Version 1.0

Last Revised December 15, 2014

All contents in this manual are copyrighted by JAVAD GNSS.

All rights reserved. The information contained herein may not be used, accessed, copied, stored, displayed, sold, modified, published, or distributed, or otherwise reproduced without express written consent from JAVAD GNSS.

© JAVAD GNSS Inc., 2014

www.javad.com

How to install and use fan for radio

The most efficient way to increase duty cycle of the HPT435BT or HPT135BT transceivers is using the Fan kit shown on the picture below:



Figure 1.

To install the Fan the following installation steps to be executed:

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:

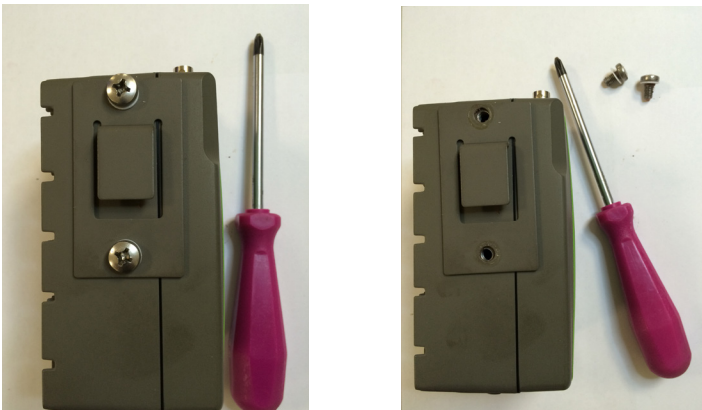


Figure 2.

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

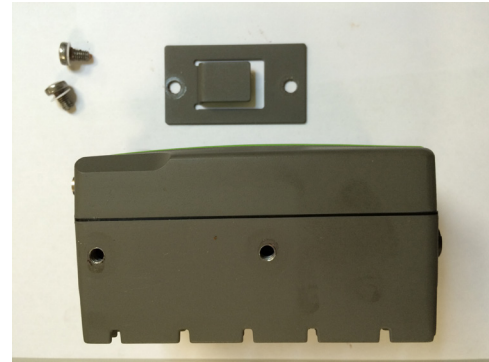


Figure 3.

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



Figure 4.

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



Figure 5.

5. Install Mounting Bracket p/n 10-587102-01 as shown on the picture below:

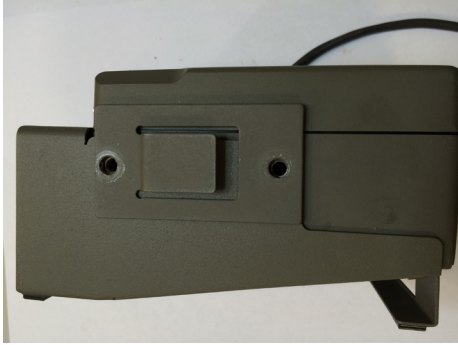


Figure 6.

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 7.

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 8.

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:

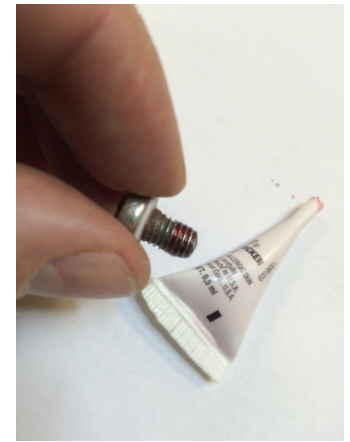
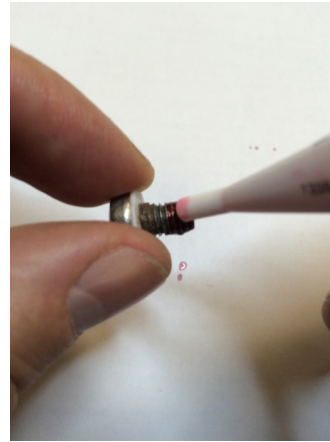


Figure 9.

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:

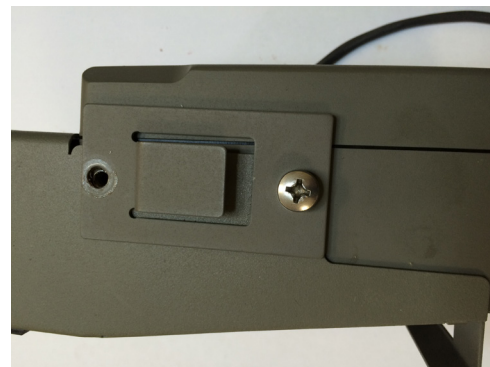


Figure 10.

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 9.

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:

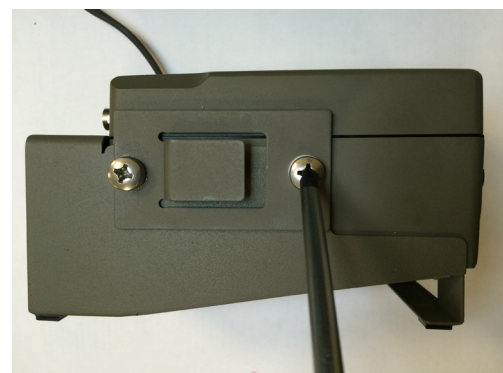


Figure 11.

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

above.

Accessory Cable, DC PWR PLUG / SAE (0.30m) p/n 14-578151-01 and Accessory Power Cable, Auto Clips/SAE (0.45m) p/n 14-578127-01 shown on the picture 12 are included into the Fan kit p/n 99-587101-10 to power the Fan from the 12 V DC battery as shown on the picture 13.

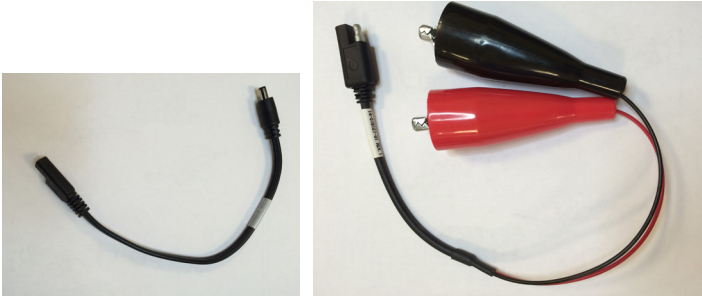


Figure 12.

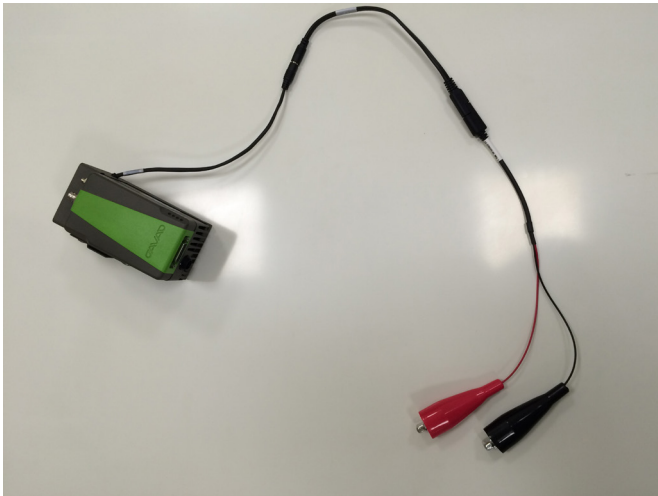


Figure 13.



900 Rock Avenue, San Jose,
CA 95131, USA

Phone: +1(408)770-1770
Fax : +1(408)770-1799

www.javad.com

All rights reserved © JAVAD GNSS, Inc., 2014