

GPS EXTERNAL ANTENNA INSTALLATION GUIDE

Description:

- Trail Tech's external GPS antenna is designed for use on powersports vehicles, when the mounting location of the GPS device prevents proper signal reception.
- The external antenna is tuned for mounting to plastic body panels.

Installation Tips/Notes:

- Mounting on or near metal surfaces will decrease signal strength.
- The "Trail Tech" logo should face towards the sky, and have a clear view.
- Clean the mounting surface before application, and be sure any residue from the cleaning agent has been removed.
- Route cable to the GPS device, taking care not to pinch or kink the cable.
- Do not route the cable in such a manner that the cable will be damaged by vehicle vibration or movement. (Fig. 5A)
- Screw the connector on to the external antenna port of your GPS device.

Note: The connector should be hand tightened only, do not torque the nut!

ANTENNA KIT CONTENTS:

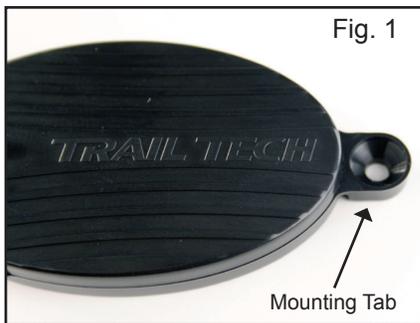

EXTERNAL ANTENNA (9000-EEA)



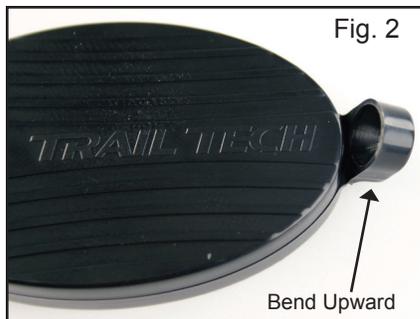
9000-EAPK

ANTENNA INSTALLATION OPTION 1 (VHB ADHESIVE PAD):

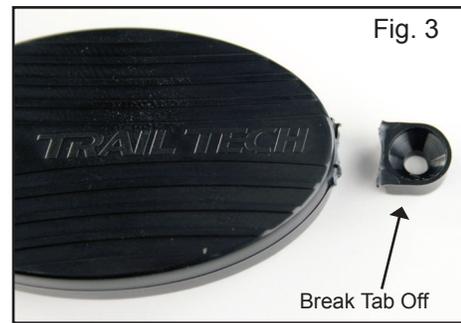
- Step 1. Locate the three mounting tabs on the outside of the antenna body. (Fig.1)
- Step 2. Bend each tab upward to weaken the seam between the housing and mounting tab. (Fig. 2)
- Step 3. Pull the tab downward to break away from the body of the antenna. (Fig. 3)
- Step 4. Locate the provided VHB adhesive pad (9000-EAPK), & apply to the bottom of the antenna body. (Fig. 4)
- Step 5. Clean the mounting surface on the vehicle, peel the protective tape off the VHB pad & apply to intended mounting location. (Fig. 5)



Step 1.



Step 2.

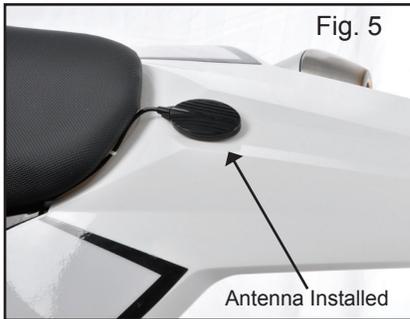


Step 3.

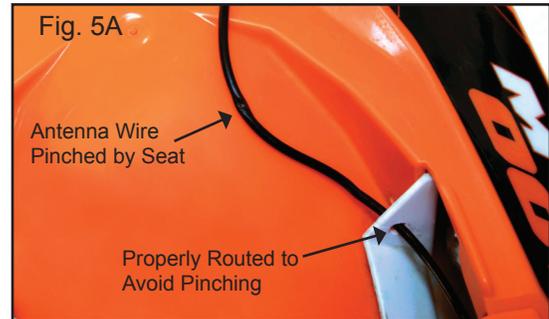


Step 4.

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Step 5.



Watch for Bound or Pinched Antenna Wire

ANTENNA INSTALLATION OPTION 2 (BOLT ON INSTALLATION):

Step 1. Establish desired mounting location.

Step 2. Mark location of three mounting tabs on desired mounting location.

Step 3. Using a 3/16" drill bit, drill all three marked hole locations. (Fig. 6)

Step 4. Locate M3 x 20mm SCHS screw and M3 fender washer. (Fig. 7)

Step 5. Insert the self clinching nut, teeth up, into the under side of the mounting location. (Fig. 8)

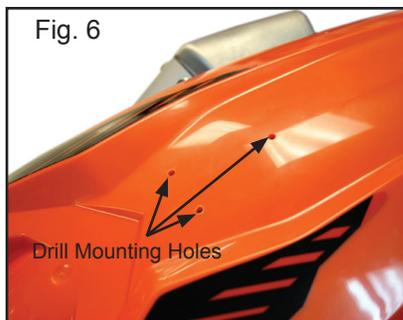
Step 6. Place M3 fender washer on top of mounting location & insert M3x20SCHS into nut.

Step 7. Tighten the M3x20mm SCHS down until self clinching nut is firmly seated flush into the under side of mounting location. Repeat until all three nuts are seated into mounting location.

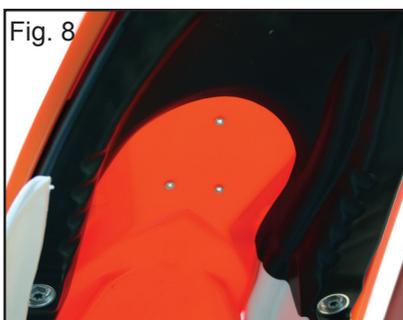
Step 8. Discard M3x20mm SCHS & M3 fender washer. Note: These are for installation of self clinching nuts only & will not be used in final installation.

Step 9. Locate three M3x12mm FHPS screws (9000-EAPK) and use for final mounting of antenna body by tightening them into self clinching nuts.

Note: Do not over tighten M3x12 FHPS. over tightening can strip the self clinching nuts out of the mounting location. Take care not to push the self clinching nuts out of the mounting location. The self clinching nuts only hold force in the upward direction and can be pushed out easily!



Mounting Holes Drilled



Self Clinching Nuts Installed



M3x20mm SCHS & M3 Washer



Final Installation