

Technical Bulletin: 1/11/2005

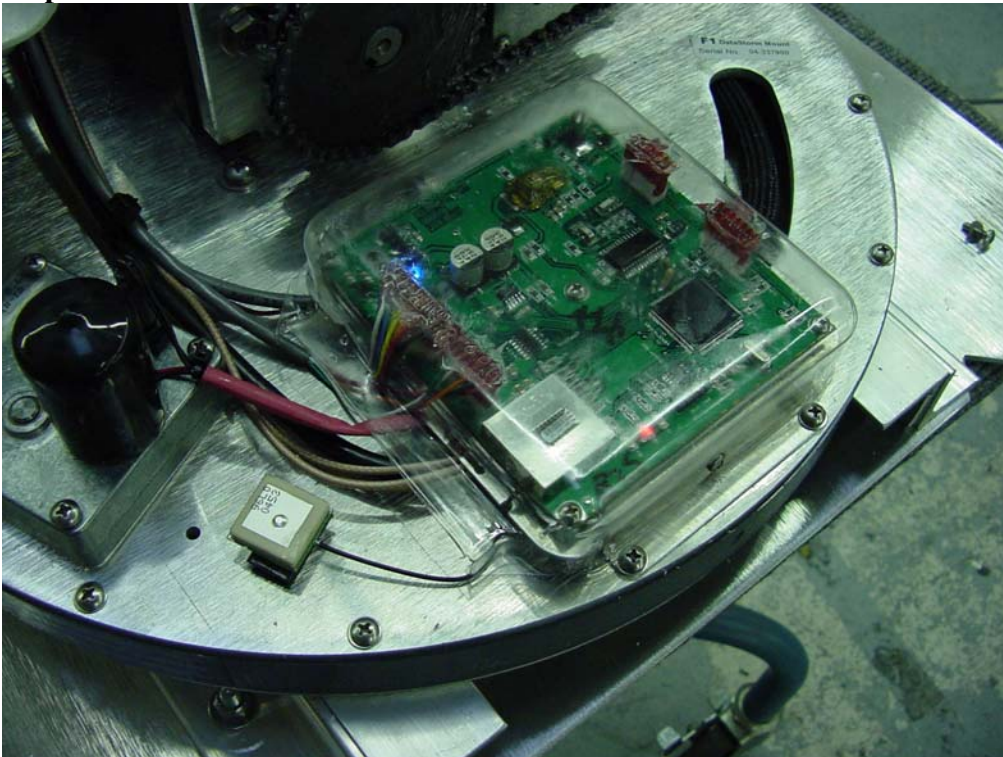
Changing in the GPS Antenna placement on the DataStorm F1

Problem: The DataStorm F1 unit is experiencing erratic or no GPS for more than 5 minutes after the positioner is turned on.

Solution: Relocate the antenna directly above the GPS module “chip” by wrapping the antenna wire around the aluminum cover and affixing the antenna using a double sided adhesive.

(Use the images below as a guide).

Step 1



After you have removed the White plastic base mount cover you will notice the antenna has been affixed with Velcro to the left of the UCU.

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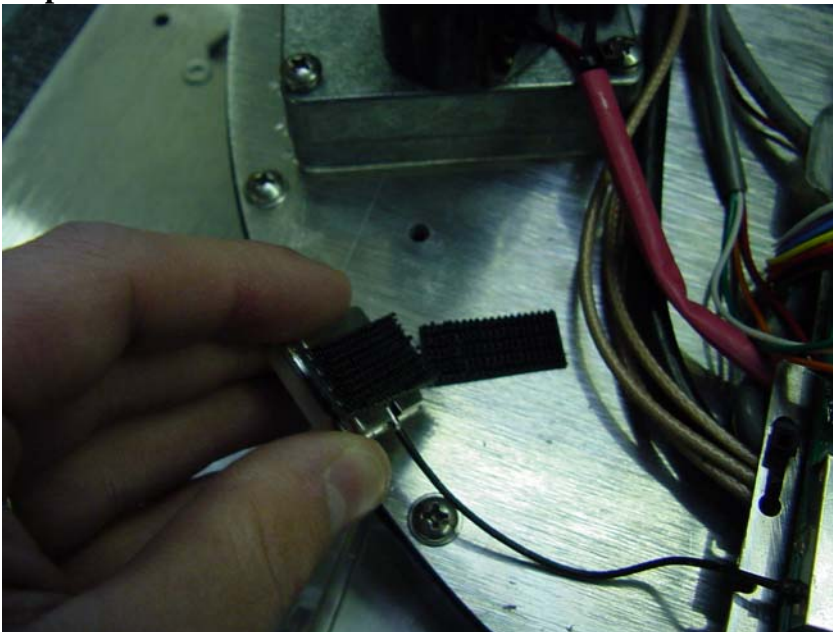
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Step 2



Remove the Philips head screw as shown to allow for the UCU cover to lift away.

Step 3

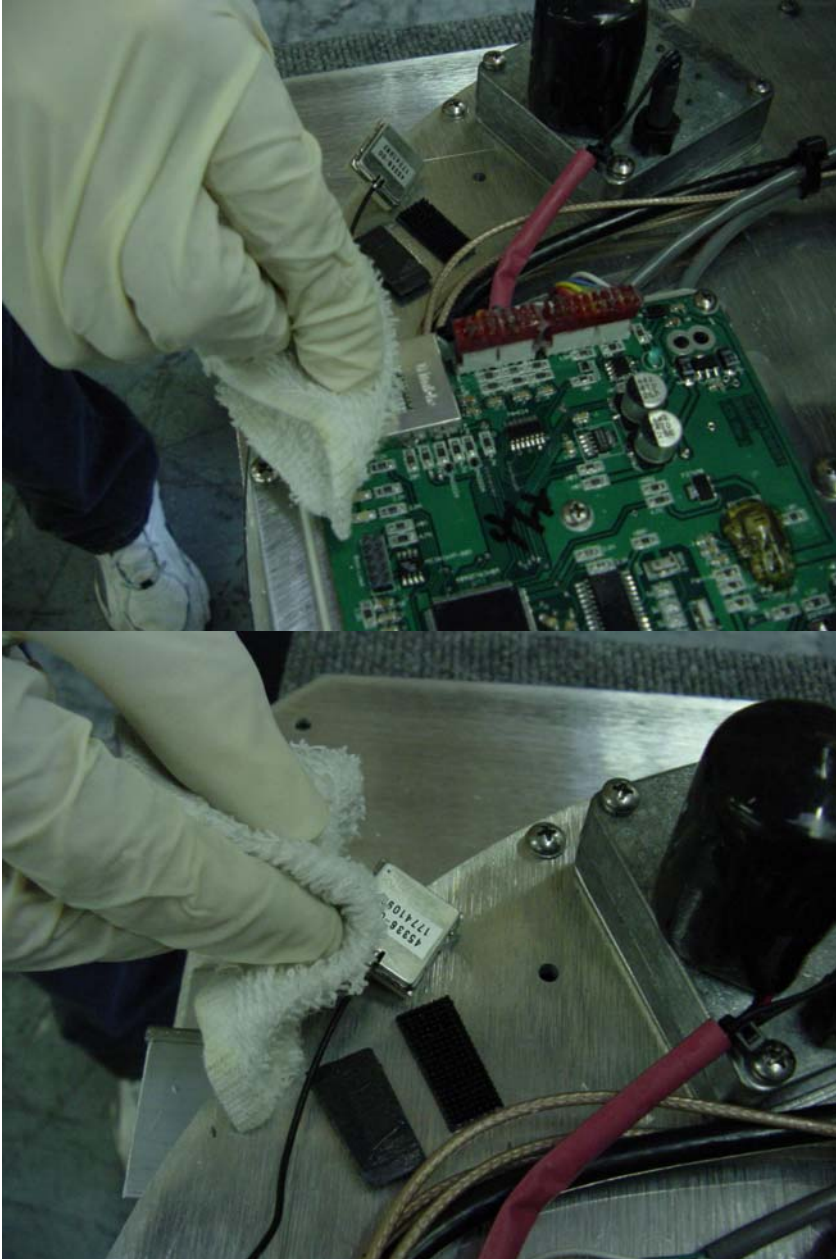


Detach the Antenna from the Velcro and remove the Velcro strip from the antenna.

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Step 4



Clean the surfaces of both the GPS antennae and the aluminum cover module with an alcohol wipe.

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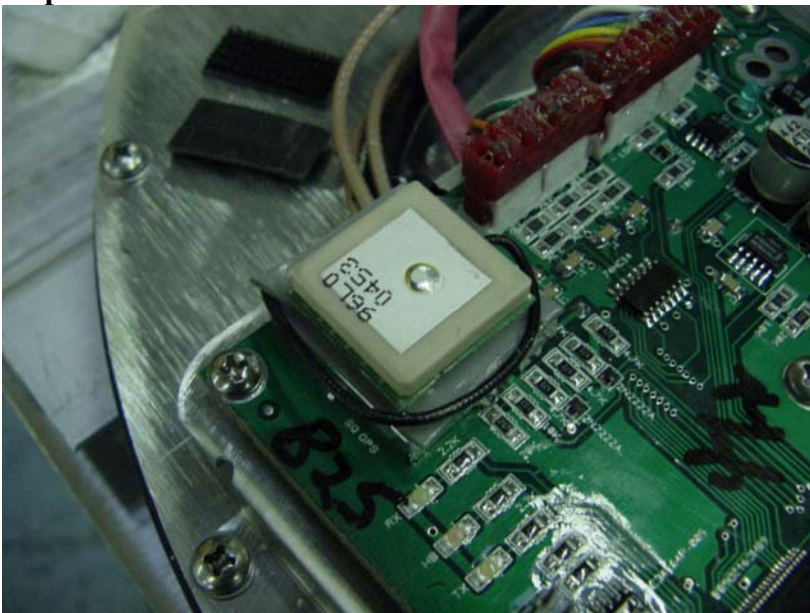
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Step 5



Affix the Double sided adhesive to the aluminum cover module then reveal a portion of the 2nd side adhesive.

Step 6



Wrap the Antenna wire around the base of the aluminum cover before revealing the entire 2nd side adhesive and affixing the antennae. Replace the UCU cover using the Philips screw removed in step 2.