

# Installation Guideline

Literature Part#: MNL408

Proper Antenna Installation

## Related Parts:

4G LTE Cellular Antenna for Windshield Mount - DV408

Adhesive Pad for Windshield Mount – DV445

Modem – USA DV405, North America DV425, Europe DV426

4G LTE Antenna that supports 3G Fall-back

The manufacture recommends windshield mounting the antenna

**NEVER MOUNT THE ANTENNA UNDER METAL PANELS. ANTENNAS NEED A CLEAR VIEW OF THE SKY WITH NO OBSTRUCTION.**

**IMPORTANT: VHB tape should only be applied when windshield temperature is within 50°F-100°F (10°C-38°C) to allow proper curing of mounting adhesive pads.**

Knowing the correct way to position the antenna, and the safe way to mount and coil the excess cable will ensure a strong cellular signal after every install.

- Make sure the windshield mounting location is cleaned before mounting the antenna. A good clean surface will provide a strong hold and prevent the antenna from falling.
- Apply the 3M tape to the antenna before mounting on the windshield
- Apply pressure to the antenna for 30 seconds after mounting. This will ensure the entire antenna has contact with the windshield for a strong hold.
- Mount the antenna on the driver's side, center, or the passenger side lower windshield
- Your antenna should be mounted on the same side as the PDC for easy wire routing
- Connect the antenna to the modem as shown in the photo below (MIMO 1 to PRI & MIMO 2 to DIV).
- Make sure you hand tighten to avoid damage to the connector or device



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## Antenna Mounting:

Make sure you're mounting the antenna the correct way. When mounting to the windshield the FLAT part of the antenna (top) must have a clear view of the sky.

Front of Antenna (flat part needs a clear view of the sky). Bottom of Antenna (curved part) facing inside the vehicle



## Extra Antenna Cable:

**NEVER TIE OR INTERFERE WITH THE VEHICLES AIRBAG! USE EXTREME CAUTION WHEN ROUTING CABLES IN THE A PILLAR**

- Don't bend or fold any excess antenna wire (Photo A).
- Always coil the extra wire without any bends and secure with two zip ties (B).
- If replacing an antenna, make sure to use a new adhesive pad before re-mounting the antenna (C).
- NEVER USE ANYTHING METAL TO REMOVE THE ANTENNA FROM THE WINDSHIELD. USE A PLASTIC PANEL TOOL TO REMOVE THE ANTENNA. DO NOT TRY AND PRY THE ANTENNA OFF BUT SLIDE THE PANEL TOOL STRAIGHT DOWN TO PUSH THE ADHESIVE PAD AWAY FROM THE WINDSHIELD.



After all connections are made, coil up all the extra antenna cable (Photo A)

Never bend the cable. This will cause signal loss and damage to the antenna (Photo B)

Please refer to the Antenna Installation Guideline for complete details

