



Ruggedized Thin GPS Antenna Installation Considerations

TRAX-NB-GPS

VERIFY:

1. **Part List:** The system package includes antenna, attached feedline, connector of choice, and Very High Bond tape (VHB) Use only components supplied with the antenna system (See Figure 1).

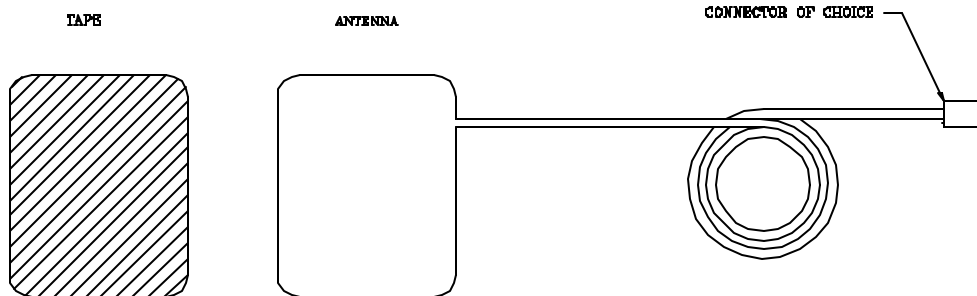


Figure 1 – Part List

2. **Bandwidth:** GPS Narrowband antennas are designed to operate at 1575 MHz.
3. **Input Power:** The antenna is designed to work with most 3.3 volt tracking systems.
4. **Water Resistant:** The TRAX Antenna is water resistant but not waterproof. Do not submerge in water.
5. **Orientation:** The antenna will operate in any horizontal position. *There is no up or down.*

INSTALLATION:

1. **Location:** The general rule of thumb says the antenna needs to “see the sky”.
 - a. Under plastic or vinyl: fender or bumpers.
 - b. Rear Window Deck:
 - c. Trim Panel:
 - d. Dash Boards: If locating in speaker grates, they must be a non-metal composite.
2. **Deployment:**
 - a. **Friction:** The antenna may be held in place by wedging it between to composite surfaces, holding it in place.
 - b. **VHB Tape:** The antenna includes an optional piece of VHB (Very High Bond) tape that can be used to adhere the antenna to any surface.

IMPORTANT NOTE: The antenna must have a clearance of ¼ “ from any metal on all sides.