

*Lowrance Product Bulletin:*

**GPS Signal Reception in Vehicles  
Equipped With Windshields Containing Metal**

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**Antenna Performance With  
Special-Feature Window Glass**

Certain vehicles have special windshields containing metal in the glass. These glass types support features such as defoggers, defrosters or reflection of infrared radiation from the sun. These windshield models may prevent any GPS unit from receiving satellite signals and establishing a lock.

If a GPS receiver will not navigate inside, test it outside the vehicle. Also, confirm the windshield type by consulting your vehicle's owner's manual or the vehicle dealer.

If the GPS has difficulty receiving satellite signals you can use an optional remote external antenna. Some of these specialized windshields have a specific location where an external antenna will work. Otherwise, you must place the external antenna near a side window, a rear window or on the car exterior with a magnet mount. (If other vehicle windows have the same type of glass, it may completely block the inside signal reception.)

To buy an external antenna, see the accessory ordering information inside the GPS manual's back cover.