

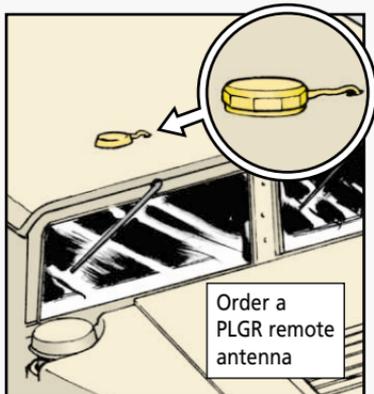
## IT'S ALL ABOUT GOOD RECEPTION

**G**lobal positioning systems (GPS) like the AN/PSN-11 PLGR rely on line-of-sight (LOS) access to satellite signals.

That means you'll get your best reception when there is nothing between your GPS antenna and the satellites but the clear sky.

So when you're riding in a vehicle with a metal roof, the integral antenna hidden in the top of the GPS receiver is not going to get decent LOS reception. And waving your receiver out the window is not the answer to the problem. You need to install a remote antenna outside the vehicle.

Order a PLGR remote antenna with NSN 5985-01-375-4660 and its cable with NSN 6150-01-375-8662. To install this antenna on an M1114 HMMWV, you'll need installation kit, NSN 2590-01-529-9541.



To install this antenna on any other type of HMMWV except the ambulance series, you'll need installation kit, NSN 2590-01-530-2947.

For more information about installing a PLGR in a HMMWV or guidance on installing the new AN/PSN-13 DAGR, call DSN 468-1109 or (478) 926-1109. Or email the WRALC/LSAGA GPS Help Desk at [wralc.lsaga.gpshelp@robins.af.mil](mailto:wralc.lsaga.gpshelp@robins.af.mil)

You will get access to the ground receivers integration team internet website that has lots of technical assistance for GPS installation.