

Version 1.0

English

# Leica GeoPRO antenna

## Installation guide

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**Leica**  
Geosystems

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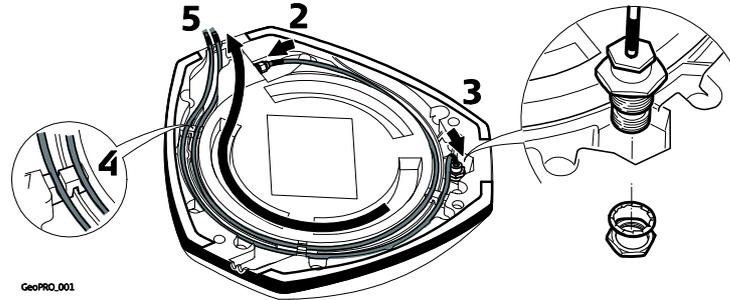
# 1 Leica GeoPRO Antenna Installation



This manual contains instructions for installing and setting up the product to operate with a Leica mojo3D. Read carefully though this manual before starting the installation. As this product is used solely with the Leica mojo3D it is mandatory to observe the safety directions and instructions contained in the corresponding user manual.

## Prepare the GeoPRO antenna

1. Clean the cab roof to prepare for the installation of the antenna. Approved cleaning products are denatured alcohol and Windex® glass cleaner.



2. Connect the cable with the small connector to the GeoPRO antenna.

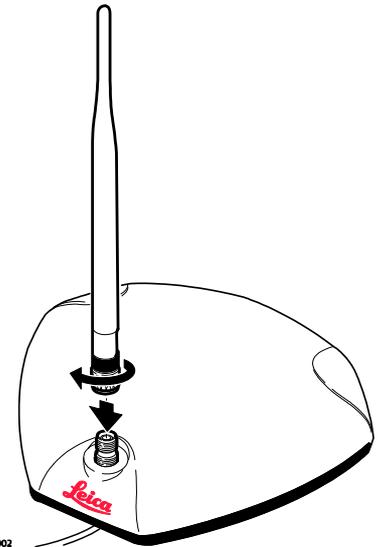


Start all antenna cable connections by hand before using the wrench to tighten. Do not over tighten the cable connections. Run the threads to the end and tighten only 1/8 turn more.

3. Insert the thread of the whip antenna cable as shown, bring on the washer and fix with the nut.
4. Run the cables through the circular slot provided on the bottom side of the cover. Align each cable with the slot and push it into the slot using the antenna cable grommets and antenna cable supports provided.
5. You have several options for how you want the cables to exit the antenna cover. Choose whatever works best for your application.
6. Install the whip antenna on the GeoPRO antenna.



Keep in mind that the whip antenna should be mounted on the GeoPRO antenna to buckle backwards if needed.

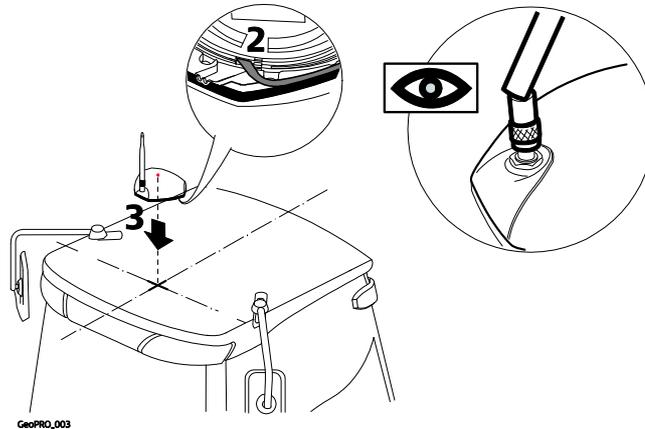


## GeoPRO antenna position

The GeoPRO antenna should be mounted on the vehicle roof:

- on the centre line of the implement, which may not necessarily be the centre of the vehicles roof
- as far forward as possible on the flat level part of the roof
- not obstructed by exhausts, flashing lights or any other objects

## Mount the GeoPRO antenna



1. Use the supplied cleaning wipes to clean the installation area.
2. Remove the protective strip on the double-sided tape.



Be careful removing the backing tape from the sticking blocks. Make sure that you only peel off the tape and do not rip the adhesive from the backing tape.

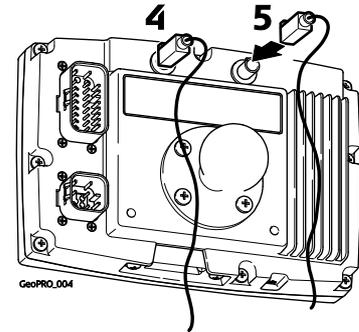
3. Mount the GeoPRO antenna on the vehicle roof.



Keep in mind that the GeoPRO antenna should mount with the whip antenna in the forward position.

4. Connect the blue GPS antenna cable to the blue connector on the rear of the mojo3D display.

5. Connect the purple cell modem antenna cable to the purple connector on the rear of the mojo3D display.



- The cables must not be cut, kinked or bent tightly, as their performance will be degraded and system failure may result.
- Cables should be routed neatly back to the mojo3D.
- The antenna must be mounted horizontally and not on an angle to ensure best signal reception possible.

## 2 Redeeming a System Option Voucher

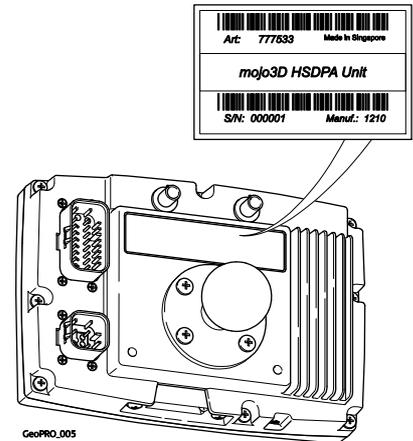
**General information** If the Leica GeoPRO antenna was purchased as a bundle with GLONASS the kit will include a voucher. To enable the GLONASS option on the mojo3D, enter the voucher code on <http://www.virtualwrench.com/redeem> along with the serial number of the mojo3D. A device specific code will be generated which can be entered onto the mojo3D to unlock the feature.

**Redeem voucher** To redeem a system option voucher, carry out the following steps:

1. Record the device serial number which can be found on the back on the mojo3D.



The serial number is the six digit article number with a dot followed by the serial. E.g. 777533.000001



2. Visit <http://www.virtualwrench.com/redeem> and follow the instructions on screen.
3. On successful completion a feature unlock code will be provided. This unlock code is unique to the device with the serial number entered.



- Connect the mojo3D to Virtual Wrench to automatically download the unlock code and enable the feature.  
OR
  - Enter the unlock code directly onto the mojo3D to manually enable the feature.
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### 3

#### Feature unlock, step-by-step

## Entering a Feature Unlock Code

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To unlock a feature, carry out the following steps:

1. On the main navigation screen, tap the **settings** button.
2. On the flyout menu, tap the **feature settings** button. The features status screen appears, with a list of features and their availability-locked or unlocked.
3. To activate a new feature, tap the **enter new code** button. Use the on-screen keyboard to enter the new code.
4. Tap  to save the settings and return to the main navigation screen.



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